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DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

E. LESTER JONES, SUPERINTENDENT


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CATALOGUE  
OF  
CHARTS, COAST PILOTS, AND  
TIDE TABLES

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JANUARY 2, 1920





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**DEPARTMENT OF COMMERCE**

**U. S. COAST AND GEODETIC SURVEY**

**E. LESTER JONES, SUPERINTENDENT**

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**CATALOGUE**  
**OF**  
**CHARTS, COAST PILOTS, AND**  
**TIDE TABLES**

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**JANUARY 2, 1920**



WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1920

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U. S. DEPARTMENT OF JUSTICE

Mar 22, 1920

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## CONTENTS.

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|  | Page. |
|--|-------|
| Publications of the U. S. Coast and Geodetic Survey.....                           | 4     |
| Explanation of dates on U. S. Coast and Geodetic Survey Charts.....                | 5     |
| Agencies for the sale of Charts, Coast Pilots, and Tide Tables.....                | 6     |
| Suboffices of the U. S. Coast and Geodetic Survey.....                             | 8     |
| Light Lists and Buoy Lists published by the Lighthouse Service.....                | 9     |
| Coast Pilots.....  | 10    |
| Tide Tables.....   | 11    |
| Magnetic-compass variation chart.....  | 11    |
| Sailing directions.....  | 11    |
| Explanatory notes.....   | 12    |
| Official charts and maps not published by the U. S. Coast and Geodetic Survey..... | 13    |
| Table of scale equivalents.....  | 14    |
| Miscellaneous maps and plans.....  | 15    |
| Charts of the Atlantic and Gulf coasts, geographically arranged.....               | 19    |
| Charts of the West Indies.....   | 87    |
| Charts of Panama—Canal Zone.....   | 89    |
| Charts of the Pacific coast and Alaska, geographically arranged.....               | 91    |
| Charts of the Pacific Ocean—Hawaiian and Marianas Islands.....                     | 141   |
| Charts of the Pacific Ocean—Philippine Islands.....                                | 143   |
| Topographic maps of the Philippine Islands.....                                    | 185   |
| Numerical arrangement of charts.....   | 189   |
| Index of the principal names on U. S. Coast and Geodetic Survey Charts.....        | 193   |

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**NOTE.**—Copies of this Catalogue can be obtained, **FREE OF CHARGE**, upon application at any of the Sale Agencies, or by letter addressed to the Superintendent of the U. S. Coast and Geodetic Survey, Washington, D. C.



## PUBLICATIONS OF THE U. S. COAST AND GEODETIC SURVEY.

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**ANNUAL REPORTS.**—These consist of a review of the progress of the work during the year, and an abstract of work done in the field and in the office, with sketches illustrating the progress of the work. Professional papers relating to the methods and results are published separately.

### FOR SALE.

**CHARTS.**—See explanatory note, page 12.

**COAST PILOTS.**—A series of volumes covering the coasts of the United States, Alaska, and the insular possessions, containing descriptions of the coasts and harbors, aids to navigation, harbor regulations and facilities, sailing directions, and other general information for the use of mariners, have been published. These are corrected to date of issue as nearly as practicable, and new editions are issued from time to time. (See p. 10.)

**INSIDE ROUTE PILOTS.**—These contain information similar to that found in the Coast Pilots, but designed particularly to meet the needs of motor-boatmen, have been prepared covering the inside waters of the Atlantic and Gulf coasts, and new editions are issued at frequent intervals. (See p. 10.)

**TIDE TABLES.**—The predicted time and height of the tide at the principal ports of the United States and at many foreign ports are given in these tables for every day of the year, with a table of differences, by means of which the times and heights at intermediate ports may be ascertained. Reprints of the tables for the Atlantic and Pacific coasts of the United States are issued separately. (See p. 11.)

Agencies for the sale of these charts, Coast Pilots, and Tide Tables have been established in many ports of the United States and in some foreign ports. See list of agencies on pages 7 to 9. They can also be purchased at the office of the U. S. Coast and Geodetic Survey, Washington, D. C. If ordered by mail, prepayment is obligatory; remittances should be by postal money order, express order, or certified check payable to the "United States Coast and Geodetic Survey," and not to any individual by name; postage stamps can not be accepted; the sending of money in an unregistered letter is unsafe; only catalogue numbers of charts need be mentioned. Publications mailed free of postage.

### FOR FREE DISTRIBUTION.

All other publications of the U. S. Coast and Geodetic Survey.

For **CATALOGUE OF CHARTS** and **List and Catalogue** of all the publications of the Survey, 1816-1908, apply to the Superintendent of the Survey at Washington, D. C.

**NOTICES TO MARINERS.**—Corrections to be applied to charts to keep them up to date are included in the Notice to Mariners, published weekly by the Bureau of Lighthouses and the U. S. Coast and Geodetic Survey. Announcements of new charts, new editions of charts, charts canceled, editions canceled, and of the various new publications of the Survey are made in these "Notices." Apply to the Superintendent of the Survey at Washington, D. C., the agencies of the U. S. Coast and Geodetic Survey, United States customhouses, the Hydrographic Office of the U. S. Navy at Washington, D. C., the branch hydrographic offices, the Bureau of Lighthouses at Washington, D. C., the inspectors of the lighthouse districts, and the United States consulates in foreign ports. Locations and addresses of branch hydrographic offices and of inspectors of lighthouse districts are given in the "Notices."

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Notices to Mariners relating to the Philippine Islands are issued from time to time at the U. S. Coast and Geodetic field station in Manila, P. I., and can be obtained from that office and from the Superintendent of the Survey at Washington.

## EXPLANATION OF DATES ON U. S. COAST AND GEODETIC SURVEY CHARTS.

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All U. S. Coast and Geodetic Survey charts bear below the border line a note indicating the date on which they were issued from its office in Washington, D. C. The form of this note is—

LIGHTS, BEACONS, BUOYS, AND DANGERS CORRECTED  
FOR INFORMATION RECEIVED TO DATE OF ISSUE (date).

It should be understood that no additional information relative to lights, beacons, buoys, and dangers which could be charted had been received previous to this date. It is therefore unnecessary for a mariner to examine his file of Notice to Mariners of date prior to the date of issue of the chart for such corrections.

Other dates which appear on these charts are of less importance to mariners, but are necessary for the identification of the edition and print of the chart, and should be understood by those who use the chart.

A note, known as the authority note, gives the dates (years) of the surveys from which the chart was constructed. The old form of this note, still on a few of the charts, is—

TRIANGULATION EXECUTED (date).

TOPOGRAPHY EXECUTED (date).

HYDROGRAPHY EXECUTED (date).

CORRECTED FROM SURVEYS BY THE CORPS OF ENGINEERS, UNITED STATES ARMY (date).

This is being superseded as rapidly as possible by the following form:

AUTHORITIES:

SURVEYS (date).

SURVEYS BY U. S. ENGINEERS (date).

The surveys are by the U. S. Coast and Geodetic Survey unless otherwise stated.

When a new chart is issued, the date (month and year) is printed in the publication note. The old form of this note, still on a few of the charts, is—

PUBLISHED AT WASHINGTON, D. C.  
(date)

BY THE U. S. COAST AND GEODETIC SURVEY  
(name) *Superintendent*

It will be found usually just below the title. A more recent form of this note is—

WASHINGTON, D. C.  
COAST AND GEODETIC SURVEY  
(date)

placed just below the border in a central position. Both forms are being superseded as rapidly as possible by the following:

PUBLISHED AT WASHINGTON, D. C. (date)  
BY THE U. S. COAST AND GEODETIC SURVEY  
E. LESTER JONES, *Superintendent*

which is always placed just below the border of the chart and as near a central position as possible. The date in this note remains unchanged until an extensive correction is made on the plate from which the chart is printed. The date is then changed and the issue is known as a new edition.

When a correction, not of sufficient importance to require a new edition, is made to a chart plate, the year, month and day are noted below the border in the left-hand corner of the chart, thus: 14-6/30, 7/22, 15-2/3, 5/27.

# AGENCIES FOR THE SALE OF THE CHARTS, COAST PILOTS, AND TIDE TABLES OF THE U. S. COAST AND GEODETIC SURVEY.

## *Maine—*

Bar Harbor: Fifield & Joy.  
 Bath: \*Charles A. Harriman, 106 Front Street.  
 Belfast: \*Newton S. Lord, 31 Front Street.  
 Boothbay Harbor: R. G. Hodgdon.  
 Camden: The Village Shop, 25 Main Street.  
 Eastport: S. L. Wadsworth & Son, 5-8 Central Wharf.  
 Jonesport: E. B. Sawyer.  
 Machiasport: Willard S. Cates.  
 Millbridge: E. W. Wallace.  
 Northeast Harbor: The A. G. Bain Co.  
 North Haven: W. S. Hopkins.  
 Portland: \*Wm. Senter & Co., 51 Exchange Street.  
 Rockland: \*Huston-Tuttle Book Co., 405 Main Street.  
 Vinal Haven: L. M. Treat.

## *New Hampshire—*

Portsmouth: W. S. Jackson.

## *Massachusetts—*

Boston:  
 \*W. E. Hadlock & Co., 152 State Street.  
 \*C. C. Hutchinson, 154 State Street.  
 †Kelvin & Wilfrid O. White Co., 112 State Street.  
 \*U. S. Coast and Geodetic Survey Field Station,  
 1806 customhouse.  
 Gloucester:  
 George H. Bibber, 161 Main Street.  
 George K. Rogers, 150 Main Street.  
 F. S. Thompson, 164 Main Street.  
 New Bedford:  
 A. C. Smith, 27 William Street.  
 Briggs & Beckman, 31-35 Commercial Street.  
 Vineyard Haven: E. R. Tilton.

## *Rhode Island—*

Block Island: \*C. C. Ball.  
 Newport: \*W. H. Tibbetts, 185 Thames Street.  
 Providence: \*Goff & Page, 224 Industrial Trust  
 Building.

## *Connecticut—*

Bridgeport: \*J. H. Shannon, customhouse.  
 Hartford: \*Robert D. Stevens, customhouse.  
 Middletown: Hazen's Bookstore, 198 Main Street.  
 New Haven: \*Edward A. Welch, customhouse.  
 New London:  
 \*Edwin Keeney & Co., corner Bank and State  
 Streets.  
 The Darrow & Comstock Co., 114 Bank Street.  
 South Norwalk: Chas. J. Prescott.  
 Stamford: Fred A. Taff, 343 Atlantic Street.

## *New York—*

Albany: B. Lodge & Co., 91 North Pearl Street.  
 Greenport: George B. Preston.  
 Huntington: Huntington Hardware Co.

## *New York Continued—*

### *New York:*

\*John Bliss & Co., 128 Front Street.  
 \*C. S. Hammond & Co., 30 Church Street.  
 \*R. Merrill's Sons (Inc.), 66 South Street.  
 \*Motor Boat Publishing Co., 239 West Thirty-ninth  
 Street.  
 \*T. S. & J. D. Negus, 140, Water Street.  
 \*Rand, McNally & Co., 40-42 East Twenty-second  
 Street.  
 †Michael Rupp & Co., 112 Broad Street.  
 \*U. S. Coast and Geodetic Survey Field Station,  
 441 customhouse.  
 Newburgh: Betsy Ross Flag Co. (Inc.).  
 Northport: Charles S. Mott.  
 Sag Harbor: Charles P. Cook.

## *New Jersey—*

Newark: American Marine Supply Co., 260 Market  
 Street.

## *Delaware—*

Wilmington: David A. Hay & Co., 121 Market Street.

## *Pennsylvania—*

Philadelphia:  
 \*Jno. E. Hand & Sons Co., 208 Chestnut Street.  
 \*Riggs & Bro., 310 Market Street.

## *Maryland—*

Baltimore: \*Jno. E. Hand & Sons Co., 17 South Gay  
 Street.

## *District of Columbia—*

Washington:  
 \*Coast and Geodetic Survey Office.  
 Brentano's, 1200 F Street NW.

## *Virginia—*

Newport News: †W. L. Shumate & Co., 133 Twenty-  
 fifth Street.  
 Norfolk:  
 \*William Freeman, 243 Granby Street.  
 †John E. Hand & Sons Co., 114 West Plume Street.

## *North Carolina—*

Wilmington: Thomas F. Wood, 1 Princess Street.

## *South Carolina—*

Beaufort: \*P. A. Roper, customhouse.  
 Charleston: \*H. B. Kirk, 10 Broad Street.

## *Georgia—*

Brunswick: C. Bangs, customhouse.  
 Savannah: \*Geo. I. Morris, customhouse.

## *Florida—*

Apalachicola: J. E. Grady & Co., Water Street.  
 Fernandina: S. M. Thompson, customhouse.  
 Fort Meyers: James B. Parker.  
 Jacksonville: \*The H. & W. B. Drew Co.  
 Key West: \*Alfred Brost, customhouse.

\*Quarterly agent.

†Monthly settlement agent.

*Florida—Continued.*

Miami: Frank T. Budge.  
Pensacola: \*McKenzie Oerting & Co., 603 Palafox Street.  
St. Petersburg: Avery & Roberts, Marine Ways Co.  
Tampa: \*Tampa Book & News Co.  
Tarpon Springs: \*Webster Little.  
West Palm Beach: Palm Beach Mercantile Co.

*Alabama—*

Mobile: †Cowles Ship Supply Co., Inc., 13-19 Dauphin Street.

*Louisiana—*

New Orleans:  
Kokosky & Co., 614 Gravier Street.  
†J. S. Sareussen, 211 South Peters Street.  
\*U. S. Coast and Geodetic Survey Field Station, 503 Godchaux Building.  
\*Woodward, Wight & Co., corner Howard Avenue and Constance Street.

*Texas—*

Galveston:  
\*Charles F. Trube, 2415 Market Street.  
\*Purdy Bros., 2217 Market Street.  
Port Arthur: N. M. Nielsen, 417 Austin Avenue.

*Cuba—*

Habana: Eduardo Mencia, 10 Mercaderes.

*Porto Rico—*

San Juan: Plaza Provision Co., 19 Cruz Street.

*Canal Zone—*

Cristobal: Captain of the Port.

*Argentina—*

Buenos Aires: Rodolfo Bösenberg, Victoria 824.

*Illinois—*

Chicago:  
Denoyer-Geppert Co., 460 East Ohio Street.  
Rand, McNally & Co., 168 Adams Street.

*California—*

Eureka:  
†C. O. Lincoln & Co., 226 F Street.  
Los Angeles: \*Cunningham, Curtiss & Welch Co., 252 South Spring Street.  
Long Beach: J. G. Spielman, 136 West Third Street.  
San Diego: \*Arey-Jones Co., 933 Fourth Street.  
San Francisco:  
\*Geo. E. Butler, Alaska Commercial Building, corner California and Sansome Street.  
\*A. Lietz Co., 61 Post Street.  
\*U. S. Coast and Geodetic Survey Field Station, 310 customhouse.  
\*Louis Weule Co., 6 California Street.  
San Pedro:  
Fishermen & Cannery Supply Co., 415 Beacon Street.  
\*Marine Hardware Co., 509 Beacon Street.  
J. C. Rudbach, 223-225 Sixth Street.

*Oregon—*

Astoria: J. H. Seymour.  
Marshfield: Norton & Hansen Stationery Co., 216 Front Street North.  
Portland: \*The Beebe Co., First and Washington Streets.

*Washington—*

Aberdeen: Evans Drug Co.  
Anacortes: S. D. Temple & Co., 610 Commercial Avenue.  
Bellingham: \*Edward T. Mathes.  
Blaine: Loomis Store Co.  
Everett: Adam Hill, 2929 Colby Avenue.  
Friday Harbor: O. H. Culver.  
Olympia: Winstanley & Blankenship.  
Port Townsend:  
\*W. J. Fritz, 320 Water Street.  
Seattle:  
\*Max Kuner Co., 304 First Avenue.  
\*Lowman & Hanford Co., 616 First Avenue.  
Pacific Net & Twine Co., Pier 8.  
\*U. S. Coast & Geodetic Survey Field Station, room 202 Burke Building.  
Tacoma: \*Cole-Martin Co., 926 Pacific Avenue.

*Alaska—*

Cordova: \*Northern Drug Co.  
Haines: N. G. Hanson.  
Juneau: The Old Post Office Store.  
Ketchikan: \*Ryus Drug Co.  
Kodiak: W. J. Erskine Co.  
Petersburg: Petersburg Packing Co.  
Seward: The Seward News Co.  
Sitka: Chas. M. McGrath.  
Valdez: Valdez Drug Co. (Inc.).  
Wrangell: F. Matheson.

*Hawaii—*

Honolulu: Hawaiian News Co.

*Phillipine Islands—*

Cebu: Pacific Commercial Co.  
Iloilo: Hoskyn & Co.  
Manila:  
Luzon Stevedoring Co., water front foot of Calle Madrid.  
\*U. S. Coast and Geodetic Survey Field Station, Intendencia Building.

*Canada—*

Montreal, Quebec: Harrison & Co., 53 Metcalfe Street.  
Prince Rupert, B. C.: McRae Bros. (Ltd.).  
Vancouver, B. C.: Clark & Stuart, 441 Hastings Street.  
Victoria, B. C.: T. N. Hibben & Co.

*China—*

Hongkong: G. Falconer & Co. (Ltd.), Hotel Mansions.

*Australia—*

Newcastle, New South Wales: W. H. Sproull & Co.

*Italy—*

Genoa: Ufficio Nautico Marconi, Via Cairoli 14-16 R.

\*Quarterly agent.

† Monthly settlement agent.



## FIELD STATIONS OF THE U. S. COAST AND GEODETIC SURVEY.

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New York, N. Y., room 441, customhouse.

New Orleans, La., room 503, Godchaux Building.

San Francisco, Calif., room 310, customhouse.

Seattle, Wash., room 202, Burke Building.

Manila, P. I., Intendencia Building.

At these offices complete files of U. S. Coast and Geodetic Survey charts, Coast Pilots, Tide Tables, and other publications relating to navigation may be consulted and information affecting navigation obtained without charge.

Notices to Mariners are kept for free distribution to mariners.

Coast Survey charts, Coast Pilots, and Tide Tables are on sale at these field stations.



## LIGHT LISTS AND BUOY LISTS PUBLISHED BY THE LIGHTHOUSE SERVICE.

For sale by the Superintendent of Documents, Washington, D. C., and at sales agencies listed in first issue of each month of Notice to Mariners.

### LIGHT LISTS.

|   | Price. |
|---|--------|
| Atlantic and Gulf Coasts of the United States, including Porto Rico and the (U. S.) Virgin Islands..... | \$0.30 |
| Great Lakes, United States and Canada.....  | .30    |
| Pacific Coast, United States, Canada, Hawaiian and Samoan Islands.....                                  | .30    |
| Upper Mississippi River and tributaries (thirteenth lighthouse district).....                           | .20    |
| Ohio, Tennessee, Kanawha, and Monongahela Rivers (fourteenth lighthouse district).....                  | .20    |
| Lower Mississippi River and tributaries (fifteenth lighthouse district).....                            | .20    |

### BUOY LISTS.

#### ATLANTIC AND GULF COASTS OF THE UNITED STATES.

|  |     |
|--|-----|
| Maine and New Hampshire (first lighthouse district).....   | .20 |
| Massachusetts, excepting Mount Hope Bay and Taunton River (second lighthouse district).....                        | .20 |
| Narragansett Bay to Cape May, including New York Harbor (third lighthouse district).....                           | .20 |
| Delaware Bay and River, including Philadelphia Harbor (fourth lighthouse district).....                            | .20 |
| Cape Henlopen to Cape Lookout, including Chesapeake Bay and North Carolina Sounds (fifth lighthouse district)..... | .20 |
| Cape Lookout to Hillsboro Inlet (sixth lighthouse district).....   | .20 |
| Florida Reefs and Gulf Coast to Cedar Keys (seventh lighthouse district).....                                      | .20 |
| Cedar Keys to Rio Grande (eighth lighthouse district).....   | .20 |
| Porto Rico and Adjacent Islands (ninth lighthouse district).....   | .20 |

#### GREAT LAKES, UNITED STATES.

|  |     |
|--|-----|
| Lake Erie and Lake Ontario and St. Lawrence River (tenth lighthouse district).....     | .20 |
| Lake Huron and Lake Superior and connecting waters (eleventh lighthouse district)..... | .20 |
| Lake Michigan and Green Bay (twelfth lighthouse district).....                         | .20 |

#### PACIFIC COAST OF THE UNITED STATES.

|  |     |
|--|-----|
| California (eighteenth lighthouse district).....             | .20 |
| Oregon and Washington (seventeenth lighthouse district)..... | .20 |
| Alaska (sixteenth lighthouse district).....                  | .20 |

#### PACIFIC ISLANDS OF THE UNITED STATES.

|   |     |
|---|-----|
| Hawaiian and Samoan Islands (nineteenth lighthouse district)..... | .20 |
|---|-----|

## COAST PILOTS.

### UNITED STATES COAST PILOT—ATLANTIC COAST.

| Sections. | TITLE.  | Size and binding. | Date of last edition. | Price.  |
|-----------|---|-------------------|-----------------------|---------|
| A         | From St. Croix River to Cape Cod.....                             | 8vo, canvas.....  | 1918                  | \$0. 50 |
| B         | From Cape Cod to Sandy Hook .....                                 | 8vo, canvas.....  | 1918                  | . 50    |
| C         | Sandy Hook to Cape Henry, including Delaware and Chesapeake Bays. | 8vo, canvas.....  | 1916                  | . 50    |
| D         | From Cape Henry to Key West, with supplement to July 18, 1919.    | 8vo, canvas.....  | 1913                  | . 50    |
| E         | Gulf of Mexico, from Key West to the Rio Grande.....              | 8vo, canvas.....  | 1916                  | . 50    |
|           | Inside Route Pilot: Coast of New Jersey.....                      | 8vo, paper.....   | 1915                  | . 20    |
|           | Inside Route Pilot: New York to Key West, 3d edition.....         | 8vo, paper.....   | 1916                  | . 20    |
|           | Inside Route Pilot: Key West to New Orleans.....                  | 8vo, paper.....   | 1914                  | . 20    |

### UNITED STATES COAST PILOT—WEST INDIES.

|  |                 |                  |      |         |
|--|-----------------|------------------|------|---------|
|  | Porto Rico..... | 4to, canvas..... | 1906 | \$0. 50 |
|--|-----------------|------------------|------|---------|

### UNITED STATES COAST PILOT—PACIFIC COAST.

|  |  |                  |      |         |
|--|--|------------------|------|---------|
|  | California, Oregon, and Washington.....  | 8vo, canvas..... | 1917 | \$0. 50 |
|  | Alaska, Part 1.—Dixon Entrance to Yakutat Bay, with Inland Passage from Juan de Fuca Strait to Dixon Entrance. | 8vo, canvas..... | 1917 | . 50    |
|  | Alaska, Part 2.—Yakutat Bay to Arctic Ocean.....   | 8vo, canvas..... | 1916 | . 50    |
|  | Philippine Islands, Part 1.—Luzon, Mindoro, and Visayas.....   | 8vo, canvas..... | 1919 | . 50    |
|  | Hawaiian Islands—Coast Pilot Notes.....  | 8vo, paper.....  | 1919 | . 20    |

## TIDE TABLES.

PUBLISHED ANNUALLY SIX MONTHS IN ADVANCE.

|  | Price.  |
|--|---------|
| General Tide Tables.....   | \$0. 50 |
| Atlantic Coast Tide Tables for eastern North America.....                                      | . 10    |
| Pacific Coast Tide Tables for western North America, eastern Asia, and many island groups..... | . 10    |

## MAGNETIC COMPASS VARIATION CHARTS.

|  |      |
|--|------|
| Magnetic Chart of the United States: Lines of equal magnetic declination (variation of compass) and of equal annual change for 1915, published in..... | 1915 |
| Magnetic Chart of the West Indies: Lines of equal magnetic declination (variation of compass) and of equal annual change for 1915, published in.....   | 1914 |
| Magnetic Chart of Alaska: Lines of equal magnetic declination (variation of compass) and of equal annual change for 1920, published in.....            | 1919 |
| Magnetic Chart of the Philippine Islands: Lines of equal magnetic declination (variation of compass) and annual change for 1905, published in.....     | 1905 |

## SAILING DIRECTIONS, PHILIPPINE ISLANDS.

[For free distribution.]

|   |      |
|---|------|
| Section V.—Coasts of Mindanao and adjacent islands, third edition.....                                | 1913 |
| Sections VI and VII.—Mindoro Strait, Palawan Island, and Sulu Sea and Archipelago, third edition..... | 1911 |

## EXPLANATORY NOTES.

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The charts embraced in this catalogue are constructed on different scales in order to adapt them to the different conditions of navigation. The small-scale charts include large areas and are suited to offshore navigation, while those on large scale include small areas and are suited to alongshore navigation.

They are classified as follows:

**SAILING CHARTS.**—Scales from 1:600,000 to 1:4,500,000.

They are intended for the use of the navigator to fix his position as he approaches the coast from the open ocean or when sailing between distant coast ports. They show the offshore soundings, the principal lights and outer buoys and such natural landmarks as may be visible at a considerable distance.

**GENERAL CHARTS OF THE COAST.**—Scales from 1:200,000 to 1:400,000. They are intended for coastwise navigation when the vessel's course would mostly be within sight of land, with her position fixed by landmarks, lights, outer buoys, and characteristic soundings.

**COAST CHARTS.**—Scales from 1:80,000 to 1:100,000. They are intended for close coastwise navigation when a vessel's course would carry her inside outlying reefs and shoals; also for entering bays and harbors of considerable width and for navigating the large inland waterways.

**HARBOR CHARTS.**—Scales from 1:5,000 to 1:40,000. They are intended for navigation of harbors and small waterways.

In the catalogue the charts are arranged in geographical sequence, under the headings Atlantic Coast, Gulf Coast, West Indies, Canal Zone, Pacific Coast, Hawaiian and Marianas Islands, and Philippine Islands.

Under the Atlantic and Gulf Coasts appear the subheads: First, Sailing Charts; second, General Charts of the Coast; third, Coast and Harbor Charts. The geographical sequence begins at Maine and continues in regular order to Texas.

Under Pacific Coast appear the subheads: First, Sailing Charts; second, General Charts of the Coast and Harbor Charts. The geographic sequence begins at the southern end of California and proceeds northward and westward to Bering Sea.

The limits of the charts are graphically shown on diagrams on adjoining pages. A numerical index of charts is given at the end of the catalogue, also an alphabetical index.

**CHARTS.**—When issued show all necessary corrections as to lights, beacons, buoys, recently discovered dangers, wrecks, etc., to date of issue, stamped on lower margin of chart to right of a central position. The date of print of a chart is at lower left corner.

The date of the edition of a chart is printed about midway the lower margin of the chart, but on some of the earlier charts this date is shown on the face of the chart, generally below the title.

All important corrections occurring subsequent to date of issue of a chart will be found in the Notices to Mariners, published weekly by the Bureau of Lighthouses and the United States Coast and Geodetic Survey. These should be applied, as far as possible, by hand to the charts immediately after receipt of the notice, which are furnished gratis on application.

When new information involving extensive changes is received, new editions of the charts are prepared and printed; the old editions are canceled and should no longer be issued from the agencies.

All the notes on a chart should be read carefully, as in some cases they relate to the aids to navigation or to dangers that can not be clearly charted.

## OFFICIAL CHARTS AND MAPS NOT PUBLISHED BY THE U. S. COAST AND GEODETIC SURVEY.

---

LAKE SURVEY, WAR DEPARTMENT, Old Customhouse, Detroit, Mich.

Charts of the Great Lakes, Lake Champlain, and of the Saint Lawrence River down to Cornwall, Canada.

MISSISSIPPI RIVER COMMISSION, WAR DEPARTMENT, 1311 International Life Building, St. Louis, Mo.

Charts of the Mississippi River from the head of the passes up to the headwaters of the Mississippi.

HYDROGRAPHIC OFFICE, NAVY DEPARTMENT.

Charts of foreign countries.

GEOLOGICAL SURVEY, DEPARTMENT OF THE INTERIOR.

Topographic and geologic maps.

GENERAL LAND OFFICE, DEPARTMENT OF THE INTERIOR.

Maps of the United States and maps of States and Territories.

TOPOGRAPHER OF THE POST OFFICE DEPARTMENT.

Post route maps of States and Territories.

FOREST SERVICE, DEPARTMENT OF AGRICULTURE.

Maps of National Forests and forested regions.

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The charts and maps referred to above are not furnished by the United States Coast and Geodetic Survey. For information in regard to them application should be made to the authorities above mentioned.



## TABLE OF SCALE EQUIVALENTS.

The following table gives the lengths of nautical and statute miles on the several scales named, these scales being the proportionate size of the chart to nature. That is, in the scale 1:1,200 the chart is 1:1,200 part of the actual linear dimensions in nature (or 100 feet to the inch), equal to 60.8 inches to a nautical mile, and 52.8 inches to a statute mile, and so on.

A nautical mile is a minute of an average great circle of the earth, and its length is 6,080 feet, or 1,853.2 meters. A statute miles is 5,280 feet, or 1,609.3 meters.

| Scale.        | Nautical mile. |              | Statute mile. |              |
|---------------|----------------|--------------|---------------|--------------|
|               | Inches.        | Centimeters. | Inches.       | Centimeters. |
| 1:1, 200      | 60.803         | 154.44       | 52.800        | 134.11       |
| 1:2, 400      | 30.401         | 77.22        | 26.400        | 67.06        |
| 1:4, 800      | 15.201         | 38.61        | 13.200        | 33.53        |
| 1:5, 000      | 14.593         | 37.06        | 12.672        | 32.19        |
| 1:10, 000     | 7.296          | 18.53        | 6.336         | 16.09        |
| 1:15, 000     | 4.864          | 12.36        | 4.224         | 10.73        |
| 1:20, 000     | 3.648          | 9.27         | 3.168         | 8.05         |
| 1:30, 000     | 2.432          | 6.18         | 2.112         | 5.36         |
| 1:40, 000     | 1.824          | 4.63         | 1.584         | 4.02         |
| 1:50, 000     | 1.459          | 3.71         | 1.267         | 3.22         |
| 1:60, 000     | 1.216          | 3.09         | 1.056         | 2.68         |
| 1:80, 000     | .912           | 2.32         | .792          | 2.01         |
| 1:100, 000    | .730           | 1.85         | .634          | 1.61         |
| 1:200, 000    | .365           | .93          | .317          | .80          |
| 1:400, 000    | .182           | .46          | .158          | .40          |
| 1:1, 000, 000 | .073           | .18          | .063          | .16          |
| 1:1, 200, 000 | .061           | .15          | .053          | .13          |

1 meter=39.37 inches; 1 centimeter=0.3937 inch; 1 inch=2.54 centimeters.

## MISCELLANEOUS MAPS AND PLANS.

[Not adapted for the use of navigators. Abbreviations: E., Engraved; L., Lithographed; P., Photolithographed.]

| Cat. No.     | TITLE.   | State.          | Abbreviations. | SCALE.        |                          | Size of border (inches). | Date.            | Price.           |
|--------------|--|-----------------|----------------|---------------|--------------------------|--------------------------|------------------|------------------|
|              |  |                 |                | Proportional. | Inches to statute miles. |                          |                  |                  |
| 3101 to 3190 | District of Columbia, city excepted, in 58 sheets.           | .....           | E.             | 1:4,800       | 13.20                    | 14 × 14                  | { 1881 to 1893 } | { Each. \$0.10 } |
| 3035         | Washington City.....   | D. C.....       | E.             | 1:19,800      | 3.20                     | 21 × 29                  | 1800             | .30              |
| 3043         | City of Washington.....                                      | do.....         | E.             | 1:19,800      | 3.20                     | 17 × 20                  | 1800             | .30              |
| 3035a        | City of Washington, by L'Enfant.....                         | do.....         | .....          | 1:15,840      | 4.00                     | 27 × 47                  | 1790             | .50              |
| 3035b        | City of Washington, by Dermott.....                          | do.....         | .....          | 1:7,920       | 8.00                     | 54 × 62                  | 1798             | 3.00             |
| 3036         | Washington City, by W. J. Stone.....                         | do.....         | E.             | 1:12,070      | 5.25                     | 23 × 31                  | 1863             | .30              |
| 3059         | Territory of Columbia, by Ellicott.....                      | do.....         | .....          | 1:33,000      | 1.92                     | 22 × 22                  | .....            | .25              |
| 3081         | Birthplace of Washington.....                                | Virginia.....   | P.             | 1:10,000      | 6.34                     | 22 × 29                  | 1897             | .20              |
| 3032         | Part of Bahama Islands, showing tracks ascribed to Columbus. | .....           | .....          | .....         | .....                    | 22 × 36                  | 1881             | .50              |
| 3055         | San Francisco Peninsula.....                                 | California..... | E.             | 1:40,000      | 1.58                     | 18 × 28                  | 1869             | .50              |
| 3070         | North Atlantic Ocean, with eastern North America and Europe. | .....           | P.             | 1:1,000,000   | .....                    | 24 × 46                  | 1918             | .50              |



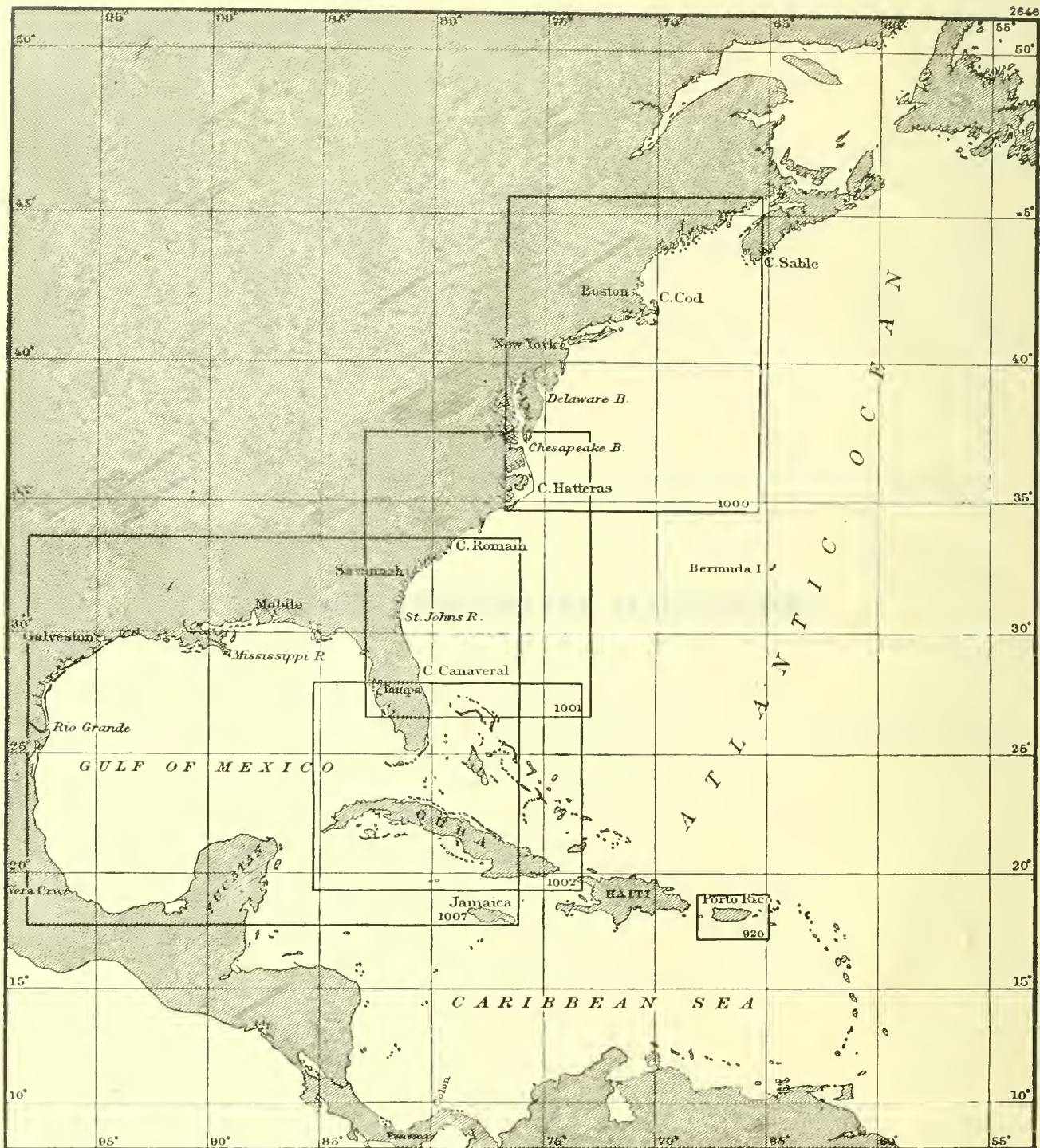
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## **GEOGRAPHICAL ARRANGEMENT OF CHARTS.**

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# CHARTS OF THE ATLANTIC AND GULF COASTS.

## GEOGRAPHIC ARRANGEMENT.

| Cat. No | TITLE.                                    | SCALE.        |                                   | Size of border (inches). | Date of last edition. | Price.  |
|---------|---|---------------|-----------------------------------|--------------------------|-----------------------|---------|
|         |   | Average.      | Inches to degree of mid-latitude. |                          |                       |         |
|         | SAILING CHARTS.                           |               |                                   |                          |                       |         |
| 1000    | Cape Sable to Cape Hatteras.....          | 1:1, 200, 000 | 3. 7                              | 33 × 41                  | 1908                  | \$0. 50 |
| 1001    | Chesapeake Bay to Straits of Florida..... | 1:1, 198, 000 | 3. 7                              | 33 × 41                  | 1913                  | . 50    |
| 1002    | Straits of Florida and approaches.....    | 1:1, 197, 000 | 3. 6                              | 33 × 41                  | 1912                  | . 50    |
| 1007    | Gulf of Mexico.....                       | 1:2, 195, 000 | 2. 0                              | 33 × 41                  | 1908                  | . 50    |

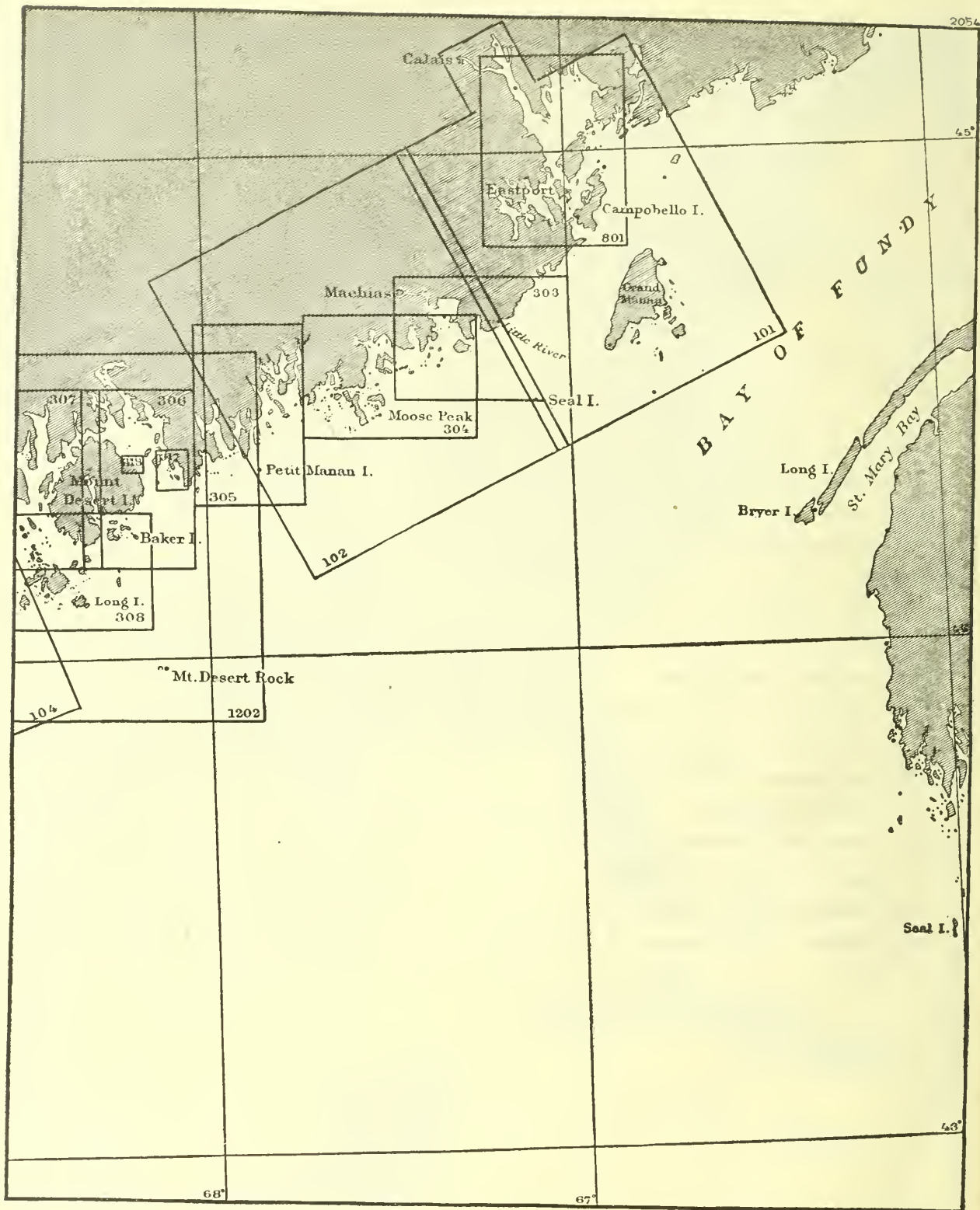


# ATLANTIC AND GULF COASTS.

## GEOGRAPHIC ARRANGEMENT.

| Cat. No. | TITLE  | SCALE.    |                          | Size of border (inches). | Date of last edition. | Price. |
|----------|--|-----------|--------------------------|--------------------------|-----------------------|--------|
|          |  | Average.  | Inches to nautical mile. |                          |                       |        |
|          | GENERAL CHARTS OF THE COAST.                         |           |                          |                          |                       |        |
| 1106     | Bay of Fundy to Cape Cod.....                        | 1:400,000 | 0.18                     | 34 × 44                  | 1917                  | \$0.50 |
| 1107     | Georges Bank and Nantucket Shoals.....               | 1:400,000 | 0.18                     | 32 × 37                  | 1913                  | .50    |
| 1108     | Approaches to New York.....                          | 1:400,000 | 0.18                     | 32 × 47                  | 1913                  | .50    |
| 51       | Nantucket Shoals to Montauk Point.....               | 1:200,000 | 0.36                     | 34 × 44                  | 1912                  | .50    |
| 52       | Montauk Point to New York and Long Island Sound..... | 1:200,000 | 0.36                     | 33 × 42                  | 1918                  | .50    |
| 77       | Chesapeake Bay, northern part.....                   | 1:200,000 | 0.36                     | 32 × 34                  | 1916                  | .50    |
| 78       | Chesapeake Bay, southern part.....                   | 1:200,000 | 0.36                     | 31 × 32                  | 1916                  | .50    |
| 1109     | Cape May to Cape Hatteras.....                       | 1:400,000 | 0.18                     | 31 × 44                  | 1914                  | .50    |
| 1110     | Cape Hatteras to Charleston Light.....               | 1:400,000 | 0.18                     | 31 × 44                  | 1914                  | .50    |
| 1111     | Charleston Light to Cape Canaveral.....              | 1:400,000 | 0.18                     | 30 × 42                  | 1919                  | .50    |
| 1112     | Cape Canaveral to Key West.....                      | 1:400,000 | 0.18                     | 29 × 43                  | 1916                  | .50    |
| 1113     | Habana to Tampa Bay.....                             | 1:400,000 | 0.18                     | 29 × 43                  | 1916                  | .50    |
| 1114     | Tampa Bay to Cape San Blas.....                      | 1:400,000 | 0.18                     | 28 × 32                  | 1915                  | .50    |
| 1115     | Cape St. George to Mississippi Passes.....           | 1:400,000 | 0.18                     | 32 × 39                  | 1913                  | .50    |
| 1116     | Mississippi River to Galveston.....                  | 1:453,000 | 0.20                     | 34 × 43                  | 1918                  | .50    |
| 1117     | Galveston to the Rio Grande.....                     | 1:400,000 | 0.18                     | 35 × 41                  | 1919                  | .50    |

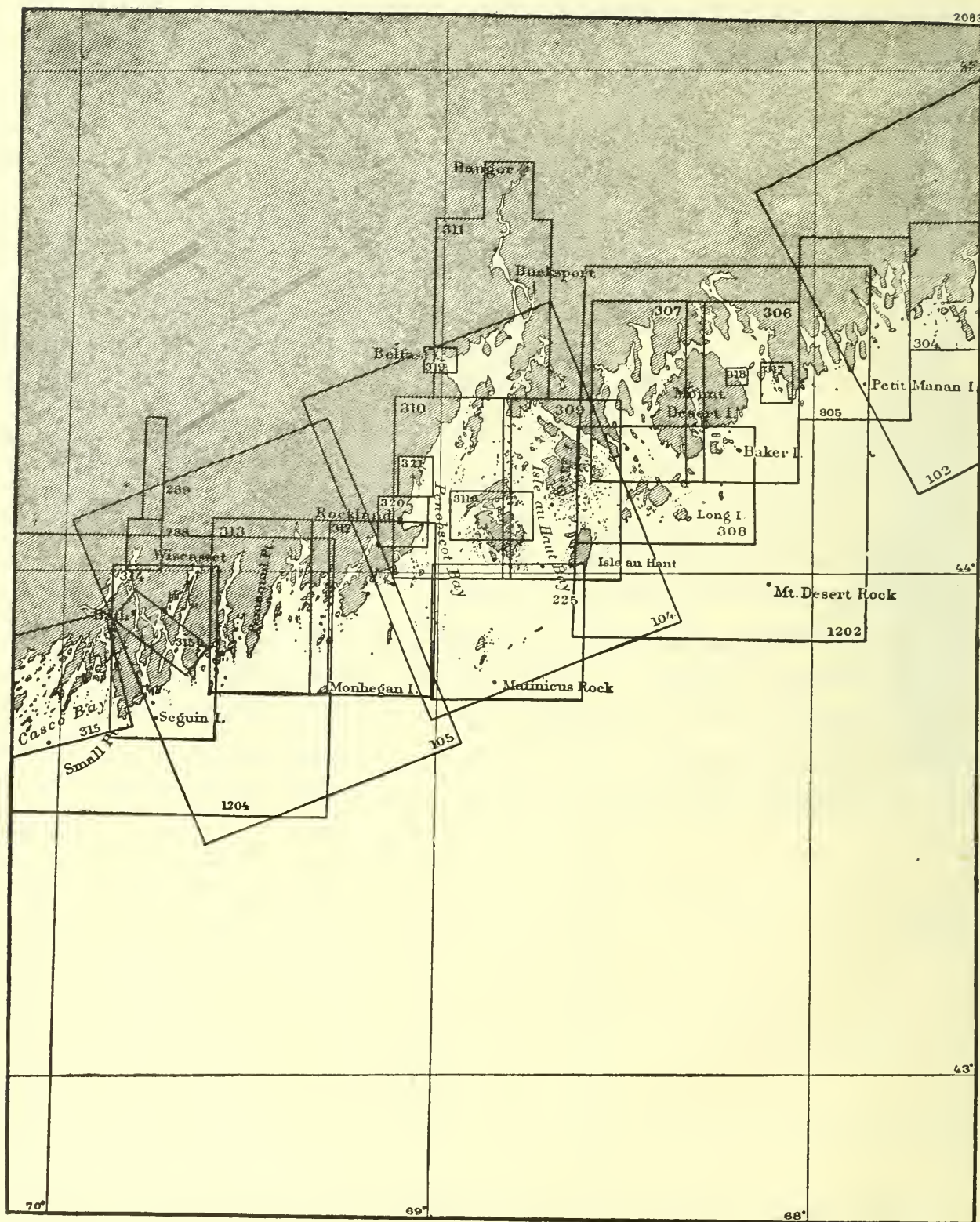




**ATLANTIC COAST.**  
**GEOGRAPHIC ARRANGEMENT.**

| Cat. No. | TITLE.   | State.       | SCALE.   |                           | Size of border (inches). | Date of last edition. | Price.  |
|----------|--|--------------|----------|---------------------------|--------------------------|-----------------------|---------|
|          |  |              | Average. | Inches to nautical miles. |                          |                       |         |
|          | COAST AND HARBOR CHARTS.                             |              |          |                           |                          |                       |         |
| 101      | Calais to Little River, including Cobscook Bay.      | Maine.....   | 1:80,000 | 0. 91                     | 30 × 39                  | 1912                  | \$0. 50 |
| 801      | Calais to West Quaddy Head.....                      | .....do..... | 1:40,000 | 1. 82                     | 30 × 46                  | 1919                  | . 50    |
| 102      | Little River to Petit Manan.....                     | .....do..... | 1:80,000 | 0. 91                     | 32 × 39                  | 1888                  | . 50    |
| 363      | Moose Cove to Englishman Bay, including Machias Bay. | .....do..... | 1:40,000 | 1. 82                     | 28 × 39                  | 1919                  | . 25    |
| 304      | Cross Island to Nash Island.....                     | .....do..... | 1:40,000 | 1. 82                     | 27 × 40                  | 1914                  | . 25    |
| 305      | Nash Island to Schoodic Island.....                  | .....do..... | 1:40,000 | 1. 82                     | 26 × 39                  | 1915                  | . 25    |

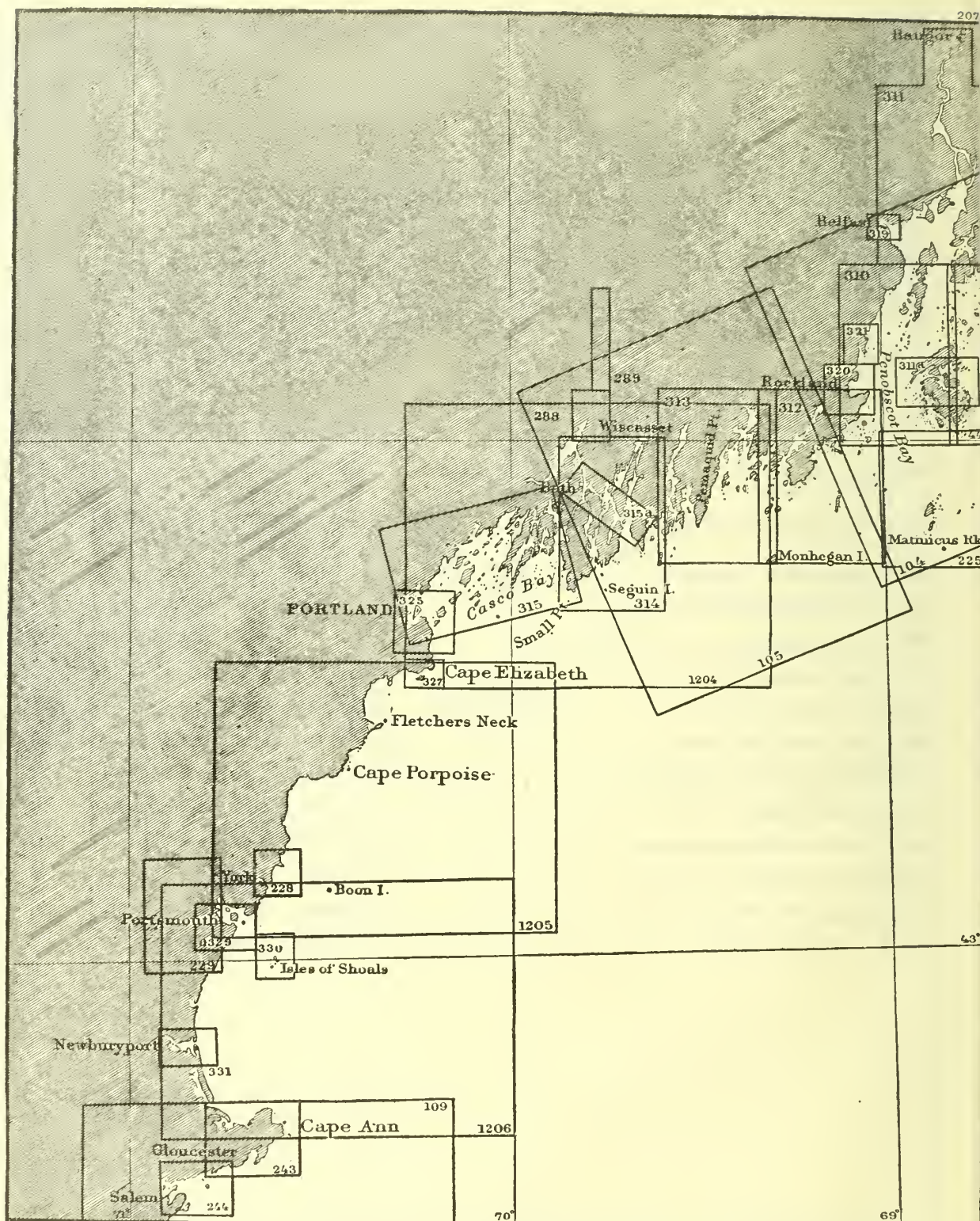




**ATLANTIC COAST—CONTINUED.**  
**GEOGRAPHIC ARRANGEMENT—CONTINUED.**

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|----------|--|--------------|----------|---------------------------|--------------------------|-----------------------|--------|
|          |  |              | Average. | Inches to nautical miles. |                          |                       |        |
|          | COAST AND HARBOR CHARTS—Continued.                     |              |          |                           |                          |                       |        |
| 1202     | Frenchman and Blue Hill Bays, and approaches.          | Maine.....   | 1:80,000 | 0.91                      | 33 × 41                  | 1918                  | \$0.50 |
| 306      | Frenchman Bay and eastern part of Mount Desert Island. | .....do..... | 1:40,000 | 1.82                      | 26 × 40                  | 1915                  | .25    |
| 307      | Blue Hill Bay and western part of Mount Desert Island. | .....do..... | 1:40,000 | 1.82                      | 26 × 40                  | 1914                  | .25    |
| 308      | Approaches to Blue Hill Bay and Eggemoggin Reach.      | .....do..... | 1:40,000 | 1.82                      | 25 × 38                  | 1914                  | .25    |
| 317      | Winter Harbor, Schoodic Peninsula.....                 | .....do..... | 1:20,000 | 3.65                      | 15 × 19                  | 1919                  | .20    |
| 318      | Bar Harbor, Mount Desert Island.....                   | .....do..... | 1:10,000 | 7.30                      | 13 × 15                  | 1885                  | .20    |
| 104      | Penobscot Bay.....                                     | .....do..... | 1:80,000 | 0.91                      | 30 × 38                  | 1911                  | .50    |
| 309      | East Penobscot Bay.....                                | .....do..... | 1:40,000 | 1.82                      | 25 × 40                  | 1915                  | .25    |
| 310      | West Penobscot Bay.....                                | .....do..... | 1:40,000 | 1.82                      | 25 × 40                  | 1914                  | .25    |
| 311a     | Fox Islands Thoroughfare.....                          | .....do..... | 1:20,000 | 3.65                      | 20 × 32                  | 1914                  | .20    |
| 311      | Penobscot River and Belfast Bay.....                   | .....do..... | 1:40,000 | 1.82                      | 25 × 40                  | 1914                  | .25    |
| 319      | Belfast Harbor.....                                    | .....do..... | 1:20,000 | 3.65                      | 12 × 14                  | 1917                  | .20    |
| 321      | Camden and Rockport Harbors.....                       | .....do..... | 1:20,000 | 3.65                      | 14 × 18                  | 1879                  | .20    |
| 320      | Rockland Harbor.....                                   | .....do..... | 1:20,000 | 3.65                      | 21 × 22                  | 1917                  | .20    |
| 225      | Approaches to Penobscot Bay.....                       | .....do..... | 1:40,000 | 1.82                      | 30 × 33                  | 1915                  | .50    |
|          | Matinicus Harbor.....                                  | .....do..... | 1:5,000  | 1.82                      | .....                    | .....                 | .....  |

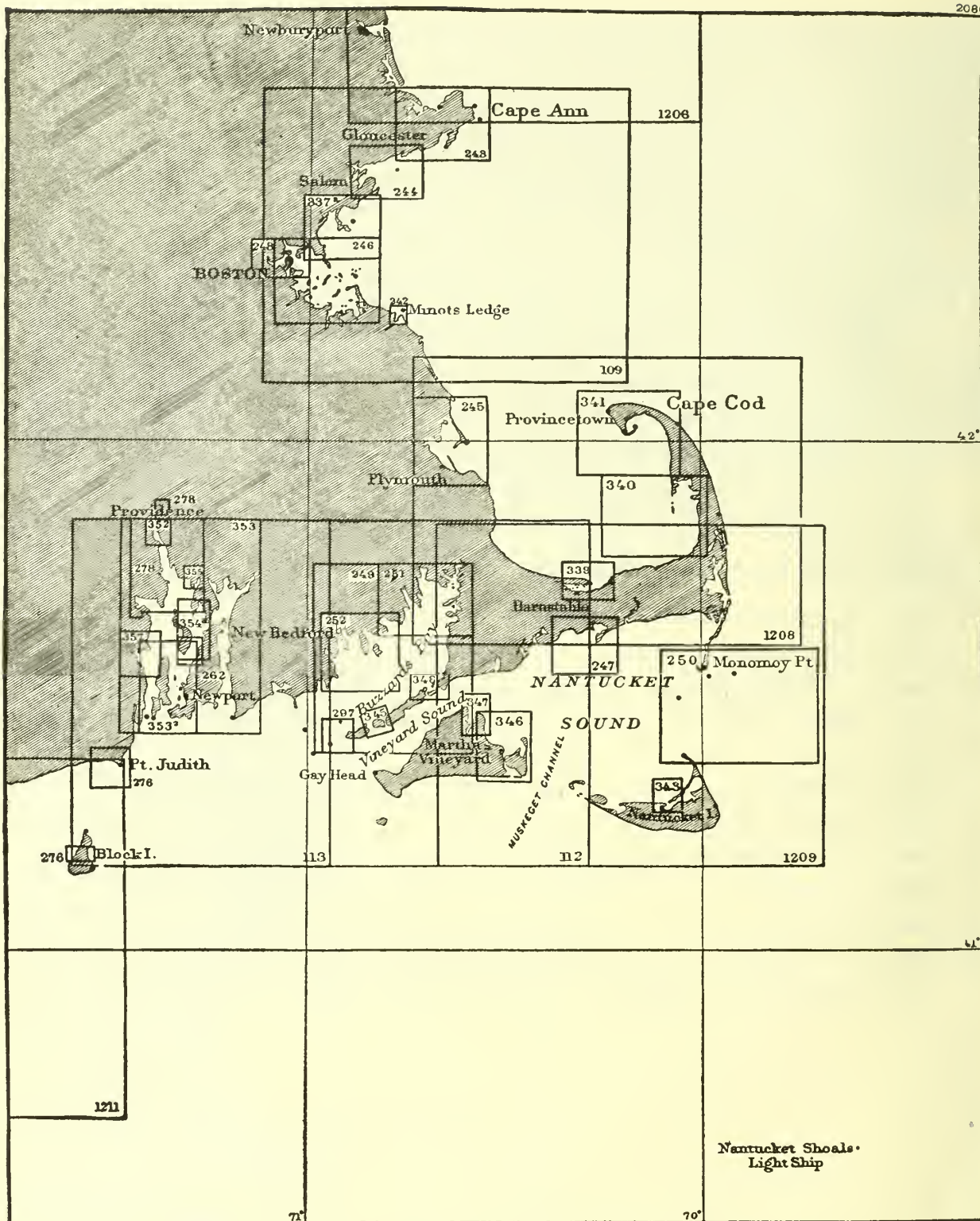




ATLANTIC COAST—CONTINUED.  
GEOGRAPHIC ARRANGEMENT—CONTINUED.

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|          |   |                 | Average. | Inches to nautical miles. |                          |                       |        |
|          | COAST AND HARBOR CHARTS—Continued.                      |                 |          |                           |                          |                       |        |
| 105      | Penobscot Bay to Kennebec entrance.....                 | Maine.....      | 1:80,000 | 0.91                      | 30 × 38                  | 1877                  | \$0.50 |
| 312      | St. George River and Muscle Ridge Channel.....          | do.....         | 1:40,000 | 1.82                      | 26 × 38                  | 1916                  | .25    |
| 313      | Damariscotta and Medomak Rivers.....                    | do.....         | 1:40,000 | 1.82                      | 25 × 39                  | 1917                  | .25    |
| 314      | Kennebec and Sheepscot Rivers.....                      | do.....         | 1:40,000 | 1.82                      | 23 × 38                  | 1878                  | .25    |
| 288      | Kennebec River, Abagadasset Point to Court-house Point. | do.....         | 1:15,000 | 4.83                      | 21 × 34                  | 1916                  | .25    |
| 289      | Kennebec River, Courthouse Point to Augusta.            | do.....         | 1:15,000 | 4.83                      | 22 × 34                  | 1917                  | .25    |
| 315a     | Bath to Boothbay Harbor.....                            | do.....         | 1:20,000 | 3.65                      | 16 × 36                  | 1884                  | .20    |
| 1204     | Monhegan Island to Cape Elizabeth.....                  | do.....         | 1:80,000 | 0.91                      | 31 × 40                  | 1912                  | .50    |
| 1205     | Cape Elizabeth to Portsmouth.....                       | Me. and N. H..  | 1:80,000 | 0.91                      | 31 × 37                  | 1915                  | .50    |
| 1206     | Portsmouth to Cape Ann.....                             | N. H. and Mass. | 1:80,000 | 0.91                      | 29 × 38                  | 1919                  | .50    |
| 315      | Casco Bay.....  | Maine.....      | 1:40,000 | 1.82                      | 25 × 39                  | 1913                  | .25    |
| 325      | Portland Harbor.....                                    | do.....         | 1:20,000 | 3.65                      | 26 × 29                  | 1919                  | .40    |
| 327      | Richmonds Island Harbor.....                            | do.....         | 1:20,000 | 3.65                      | 14 × 17                  | 1907                  | .20    |
| 228      | Cape Neddick Harbor to York River.....                  | do.....         | 1:20,000 | 3.65                      | 17 × 18                  | 1912                  | .25    |
| 0329     | Portsmouth Harbor.....                                  | Me. and N. H..  | 1:10,000 | 7.30                      | 30 × 33                  | 1919                  | .25    |
| 330      | Isles of Shoals.....                                    | do.....         | 1:20,000 | 3.65                      | 15 × 18                  | 1913                  | .20    |
| 331      | Newburyport Harbor.....                                 | Massachusetts.. | 1:20,000 | 3.65                      | 17 × 24                  | 1917                  | .25    |
| 229      | Portsmouth to Dover and Exeter.....                     | Me. and N. H..  | 1:30,000 | 2.43                      | 23 × 33                  | 1914                  | .30    |



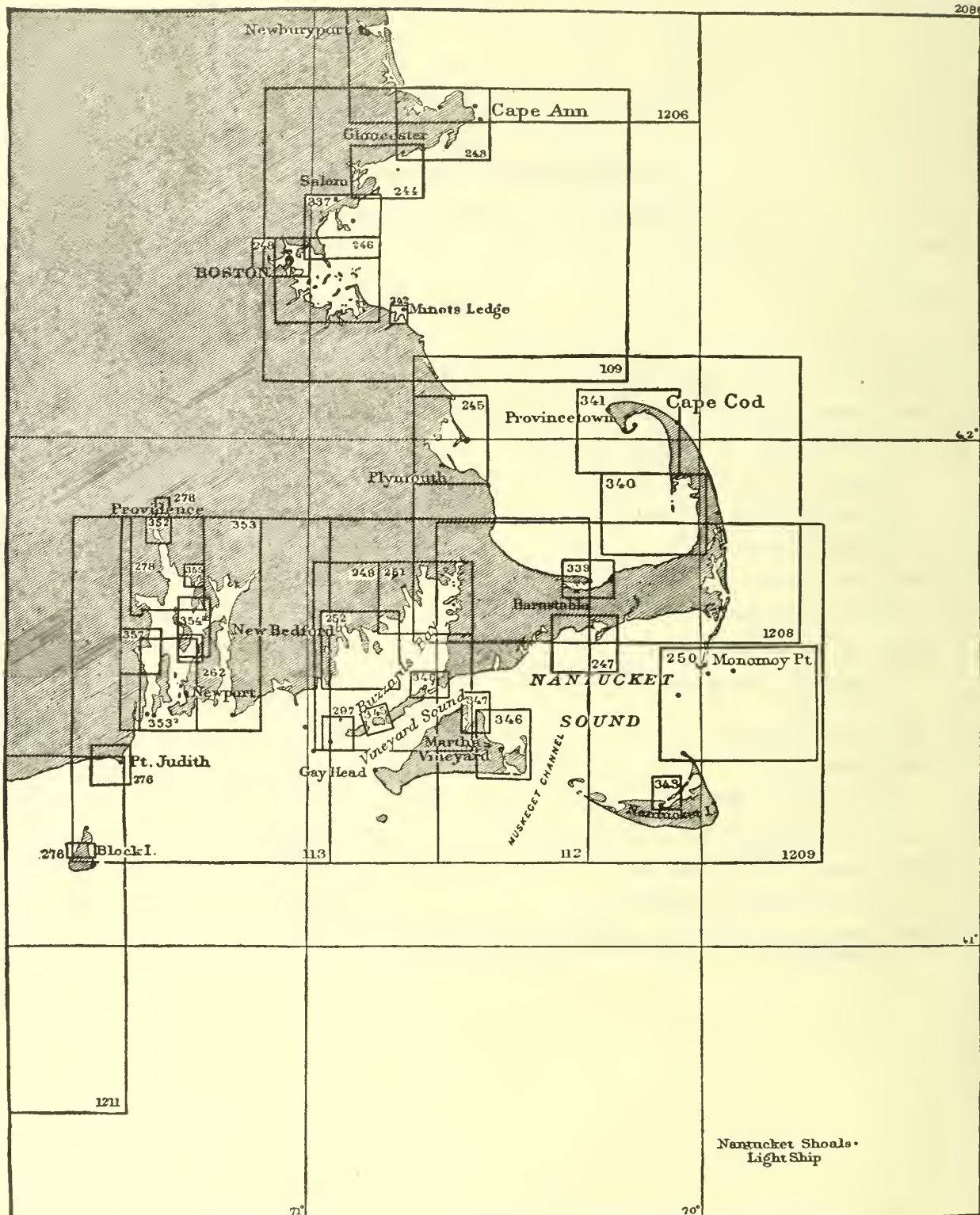




# ATLANTIC COAST—CONTINUED.

## GEOGRAPHIC ARRANGEMENT—CONTINUED.

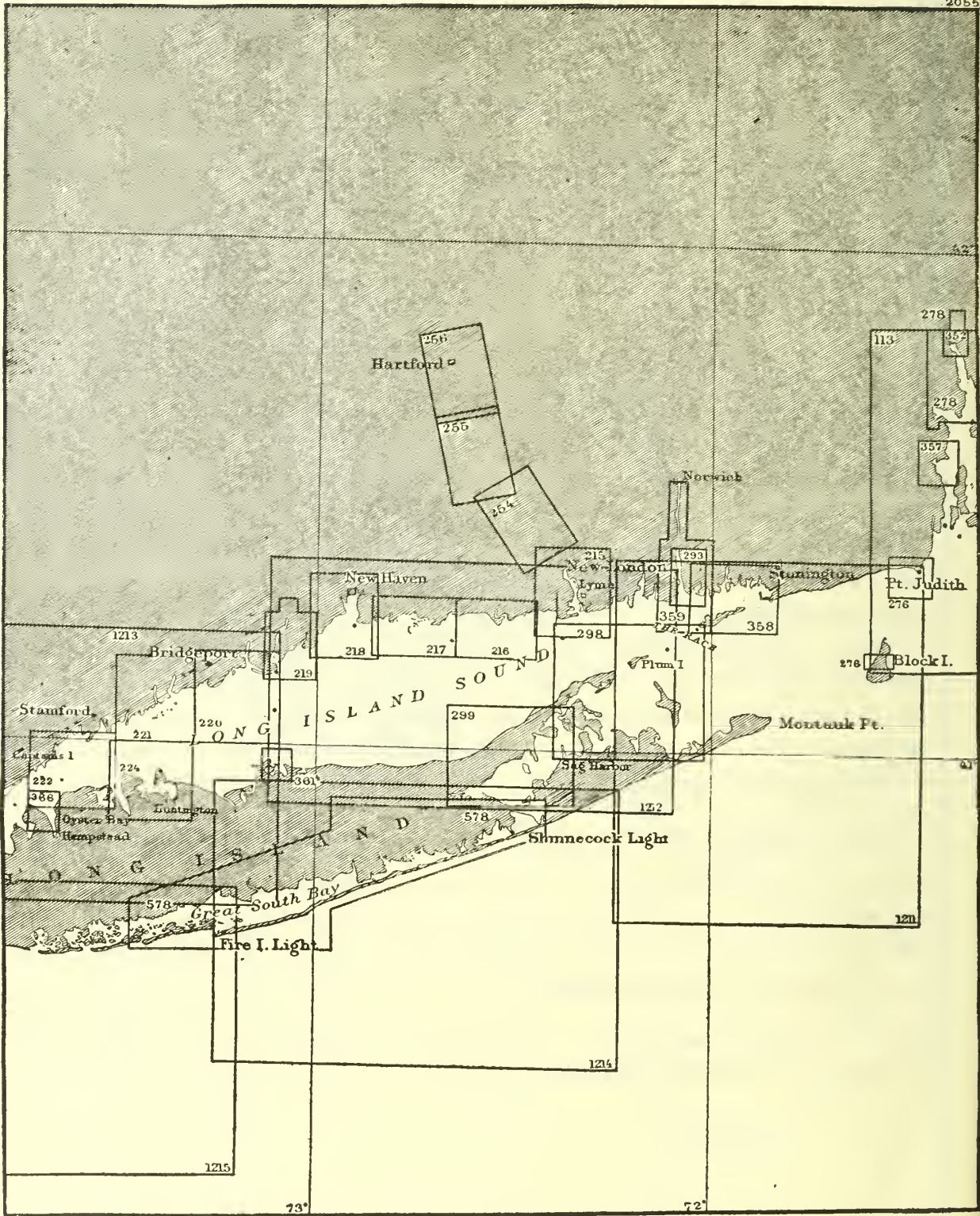
| Cat. No. | TITLE.  | State.           | SCALE.   |                                 | Size of<br>of border<br>(inches). | Date of<br>last<br>edition. | Price. |
|----------|---|------------------|----------|---------------------------------|-----------------------------------|-----------------------------|--------|
|          |   |                  | Average. | Inches to<br>nautical<br>miles. |                                   |                             |        |
|          | COAST AND HARBOR CHARTS—Continued.                          |                  |          |                                 |                                   |                             |        |
| 109      | Boston Bay and approaches .....                             | Massachusetts..  | 1:80,000 | 0.91                            | 33 × 39                           | 1916                        | \$0.50 |
| 242      | Cohasset Harbor.....  | do.....          | 1:5,000  | 14.6                            | 26 × 31                           | 1915                        | .30    |
| 243      | Ipswich Bay to Gloucester Harbor.....                       | do.....          | 1:20,000 | 3.65                            | 34 × 39                           | 1916                        | .50    |
| 244      | Salem Harbor and approaches.....                            | do.....          | 1:20,000 | 3.65                            | 26 × 36                           | 1917                        | .25    |
| 337a     | Lynn Harbor and approaches.....                             | do.....          | 1:40,000 | 1.82                            | 14 × 17                           | 1919                        | .20    |
| 246      | Boston Harbor.....  | do.....          | 1:20,000 | 3.65                            | 35 × 44                           | 1919                        | .50    |
| 248      | Boston Inner Harbor.....                                    | do.....          | 1:10,000 | 7.30                            | 33 × 41                           | 1910                        | .50    |
| 1208     | Cape Cod Bay.....   | do.....          | 1:80,000 | 0.91                            | 32 × 41                           | 1919                        | .50    |
| 245      | Harbors of Plymouth, Kingston, and Dux-<br>bury.            | do.....          | 1:20,000 | 1.82                            | 28 × 38                           | 1919                        | .50    |
| 339      | Barnstable Harbor.....                                      | do.....          | 1:20,000 | 3.65                            | 16 × 23                           | 1914                        | .20    |
| 340      | Wellfleet Harbor.....                                       | do.....          | 1:50,000 | 1.46                            | 14 × 18                           | 1914                        | .20    |
| 341      | Provincetown Harbor.....                                    | do.....          | 1:50,000 | 1.46                            | 15 × 18                           | 1911                        | .20    |
| 250      | Eastern entrance to Nantucket Sound.....                    | do.....          | 1:40,000 | 1.82                            | 24 × 34                           | 1913                        | .25    |
| 1209     | Nantucket Sound and approaches.....                         | do.....          | 1:80,000 | 0.91                            | 31 × 42                           | 1919                        | .50    |
| 112      | Vineyard Sound and Buzzards Bay.....                        | do.....          | 1:80,000 | 0.91                            | 31 × 38                           | 1914                        | .50    |
| 113      | Cuttyhunk to Block Island, including Narra-<br>gansett Bay. | Mass. and R. I.. | 1:80,000 | 0.91                            | 28 × 38                           | 1918                        | .50    |



ATLANTIC COAST—CONTINUED.  
GEOGRAPHIC ARRANGEMENT—CONTINUED.

| Cat. No.         | TITLE.   | State.          | SCALE.   |                           | Size of border (inches). | Date of last edition. | Price. |
|------------------|--|-----------------|----------|---------------------------|--------------------------|-----------------------|--------|
|                  |  |                 | Average. | Inches to nautical miles. |                          |                       |        |
|                  | COAST AND HARBOR CHARTS—Continued.                             |                 |          |                           |                          |                       |        |
| 343              | Nantucket Harbor.....  | Massachusetts.. | 1:10,000 | 7.30                      | 25 × 29                  | 1911                  | \$0.25 |
| 247              | Hyannis Harbor.....  | .....do.....    | 1:20,000 | 3.65                      | 26 × 26                  | 1896                  | .25    |
| 346              | Edgartown Harbor, Marthas Vineyard.....                        | .....do.....    | 1:20,000 | 3.65                      | 24 × 32                  | 1902                  | .25    |
| 347              | Vineyard Haven.....  | .....do.....    | 1:10,000 | 7.30                      | 27 × 36                  | 1902                  | .25    |
| 348              | Woods Hole.....  | .....do.....    | 1:10,000 | 7.30                      | 14 × 21                  | 1911                  | .25    |
| 345              | Robinsons Hole and Quicks Hole.....                            | .....do.....    | 1:10,000 | 7.30                      | 21 × 25                  | 1902                  | .25    |
| 297              | Cuttyhunk Harbor.....  | .....do.....    | 1:10,000 | 7.30                      | 19 × 22                  | 1906                  | .25    |
| 249              | Buzzards Bay.....  | .....do.....    | 1:40,000 | 1.82                      | 33 × 43                  | 1913                  | .50    |
| 251              | Head of Buzzards Bay.....                                      | .....do.....    | 1:20,000 | 3.65                      | 33 × 41                  | 1915                  | .50    |
| 252              | New Bedford Harbor and approaches.....                         | .....do.....    | 1:20,000 | 3.65                      | 34 × 35                  | 1913                  | .50    |
| 353              | Narragansett Bay.....  | Rhode Island..  | 1:40,000 | 1.82                      | 31 × 46                  | 1919                  | .50    |
| 353 <sup>2</sup> | Newport Harbor and entrance to Narragansett Bay.               | .....do.....    | 1:20,000 | 3.65                      | 25 × 37                  | 1896                  | .40    |
| 262              | Narragansett Bay. Eastern Passage, Carrs Point to Sandy Point. | .....do.....    | 1:10,000 | 7.30                      | 22 × 23                  | 1916                  | .25    |
| 354a             | Bristol Harbor and approaches.....                             | .....do.....    | 1:20,000 | 3.65                      | 14 × 27                  | 1916                  | .20    |
| 355              | Warren River.....  | .....do.....    | 1:10,000 | 7.30                      | 15 × 20                  | 1915                  | .20    |
| 352              | Providence Harbor.....   | .....do.....    | 1:10,000 | 7.30                      | 16 × 19                  | 1917                  | .20    |
| 278              | Providence River and Head of Narragansett Bay.                 | .....do.....    | 1:20,000 | 3.65                      | 31 × 38                  | 1917                  | .50    |
| 357              | Wickford Harbor. Narragansett Bay.....                         | .....do.....    | 1:20,000 | 3.65                      | 15 × 17                  | 1916                  | .20    |
| 276              | Harbors of Refuge at Point Judith and Block Island.            | .....do.....    | 1:10,000 | 7.30                      | 20 × 44                  | 1919                  | .50    |



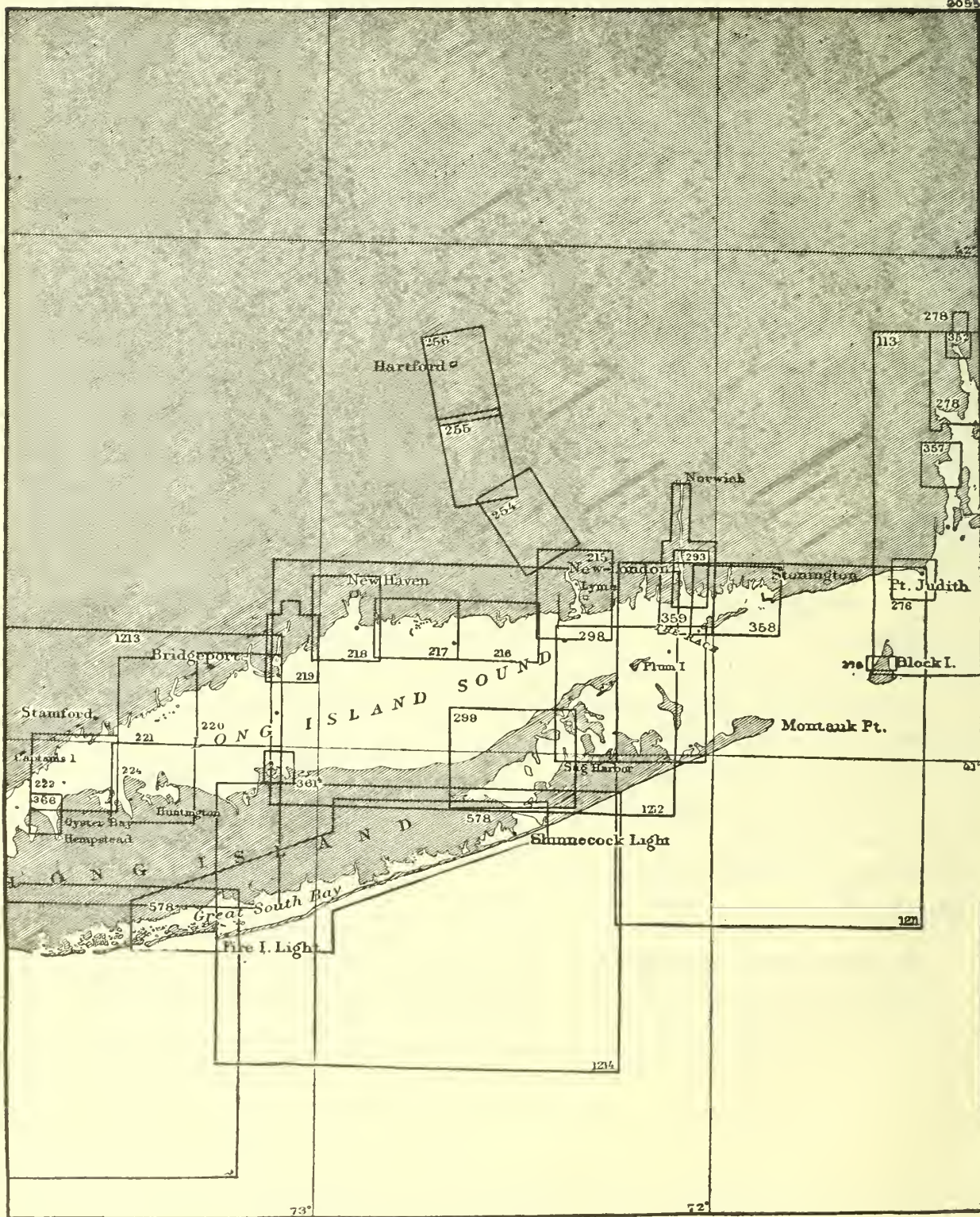


# ATLANTIC COAST—CONTINUED.

## GEOGRAPHIC ARRANGEMENT—CONTINUED.

| Cat. No. | TITLE.  | State.                  | SCALE.   |                           | Size of border (inches). | Date of last edition. | Price. |
|----------|---|-------------------------|----------|---------------------------|--------------------------|-----------------------|--------|
|          |   |                         | Average. | Inches to nautical miles. |                          |                       |        |
|          | COAST AND HARBOR CHARTS—Continued.                    |                         |          |                           |                          |                       |        |
| 1211     | Block Island Sound.....                               | R. I., Conn., and N. Y. | 1:80,000 | 0.91                      | 34 × 40                  | 1919                  | \$0.50 |
| 1212     | Long Island Sound, eastern part.....                  | Conn. and N. Y.         | 1:80,000 | 0.91                      | 28 × 44                  | 1914                  | .50    |
| 1213     | Long Island Sound, western part.....                  | do.....                 | 1:80,000 | 0.91                      | 30 × 40                  | 1916                  | .50    |
| 358      | Fishers Island Sound.....                             | Connecticut....         | 1:20,000 | 3.65                      | 27 × 40                  | 1911                  | .40    |
| 359      | Thames River—Harbor of New London and approaches..... | do.....                 | 1:20,000 | 3.65                      | 25 × 43                  | 1918                  | .40    |
| 293      | New London Harbor and Naval Station.....              | do.....                 | 1:10,000 | 7.30                      | 30 × 45                  | 1917                  | .50    |
|          | New London Naval Station.....                         |                         | 1: 5,000 | 14.59                     |                          |                       |        |
| 215      | Connecticut River, entrance to Deep River..           | Connecticut....         | 1:20,000 | 3.65                      | 33 × 40                  | 1917                  | .50    |
| 254      | Connecticut River, Deep River to Higganum.....        | do.....                 | 1:20,000 | 3.65                      | 23 × 38                  | 1911                  | .25    |
| 255      | Connecticut River, Higganum to Rocky Hill.....        | do.....                 | 1:20,000 | 3.65                      | 23 × 38                  | 1918                  | .25    |
| 256      | Connecticut River, Rocky Hill to Hartford.....        | do.....                 | 1:20,000 | 3.65                      | 23 × 38                  | 1918                  | .25    |
| 216      | Duck Island to Madison Reef.....                      | do.....                 | 1:20,000 | 3.65                      | 26 × 35                  | 1917                  | .50    |
| 217      | Guilford Harbor to East Haven River.....              | do.....                 | 1:20,000 | 3.65                      | 25 × 36                  | 1917                  | .50    |
| 218      | New Haven Harbor.....                                 | do.....                 | 1:20,000 | 3.65                      | 26 × 37                  | 1917                  | .50    |
| 219      | Milford to Stratford, including Housatonic River..... | do.....                 | 1:20,000 | 3.65                      | 22 × 36                  | 1919                  | .50    |
| 220      | Stratford to Sherwood Point.....                      | do.....                 | 1:20,000 | 3.65                      | 32 × 40                  | 1919                  | .50    |
| 221      | Sherwood Point to Stamford Harbor.....                | do.....                 | 1:20,000 | 3.65                      | 32 × 39                  | 1919                  | .50    |
| 222      | Stamford Harbor to New Rochelle.....                  | Conn. and N. Y.         | 1:20,000 | 3.65                      | 33 × 43                  | 1919                  | .50    |
| 224      | Oyster and Huntington Bays.....                       | L. I., N. Y.....        | 1:20,000 | 3.65                      | 33 × 43                  | 1919                  | .50    |

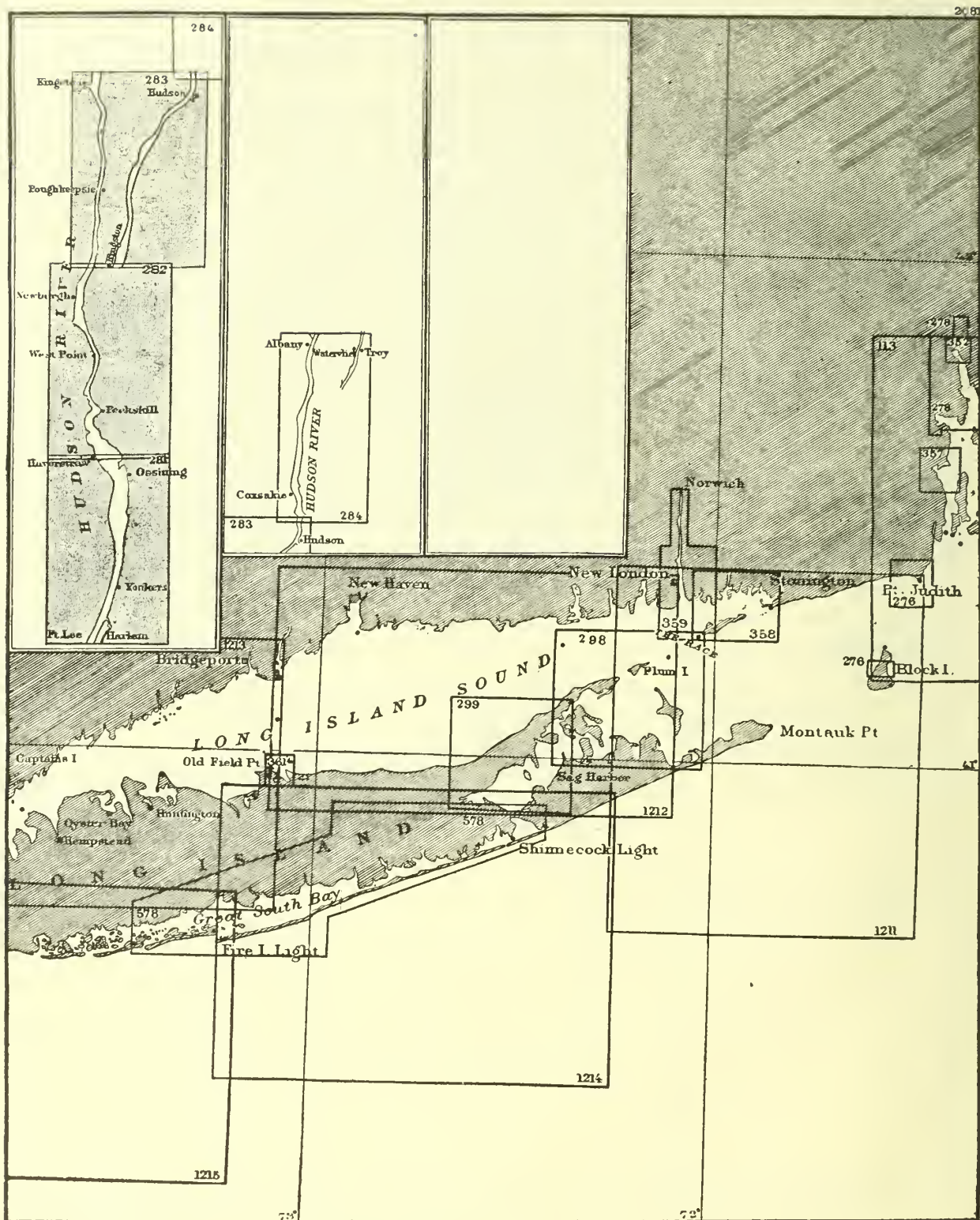




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|                  | COAST AND HARBOR CHARTS—Continued. |               |          |                           |                          |                       |        |
| 271              | Rye Neck to New Rochelle.....      | New York..... | 1:10,000 | 7.30                      | 34 × 43                  | 1915                  | \$0.50 |
| 298              | Gardiners Bay, Long Island.....    | do.....       | 1:40,000 | 1.82                      | 29 × 31                  | 1913                  | .25    |
| 299              | Peconic Bay, Long Island.....      | do.....       | 1:40,000 | 1.82                      | 25 × 27                  | 1911                  | .25    |
|                  | Mattituck Inlet.....               |               | 1:10,000 | 7.30                      |                          |                       |        |
| 361 <sup>4</sup> | Port Jefferson, Long Island.....   | New York..... | 1:10,000 | 7.30                      | 24 × 29                  | 1909                  | .30    |
| 366              | Hempstead Harbor.....              | do.....       | 1:20,000 | 3.65                      | 15 × 21                  | 1919                  | .20    |

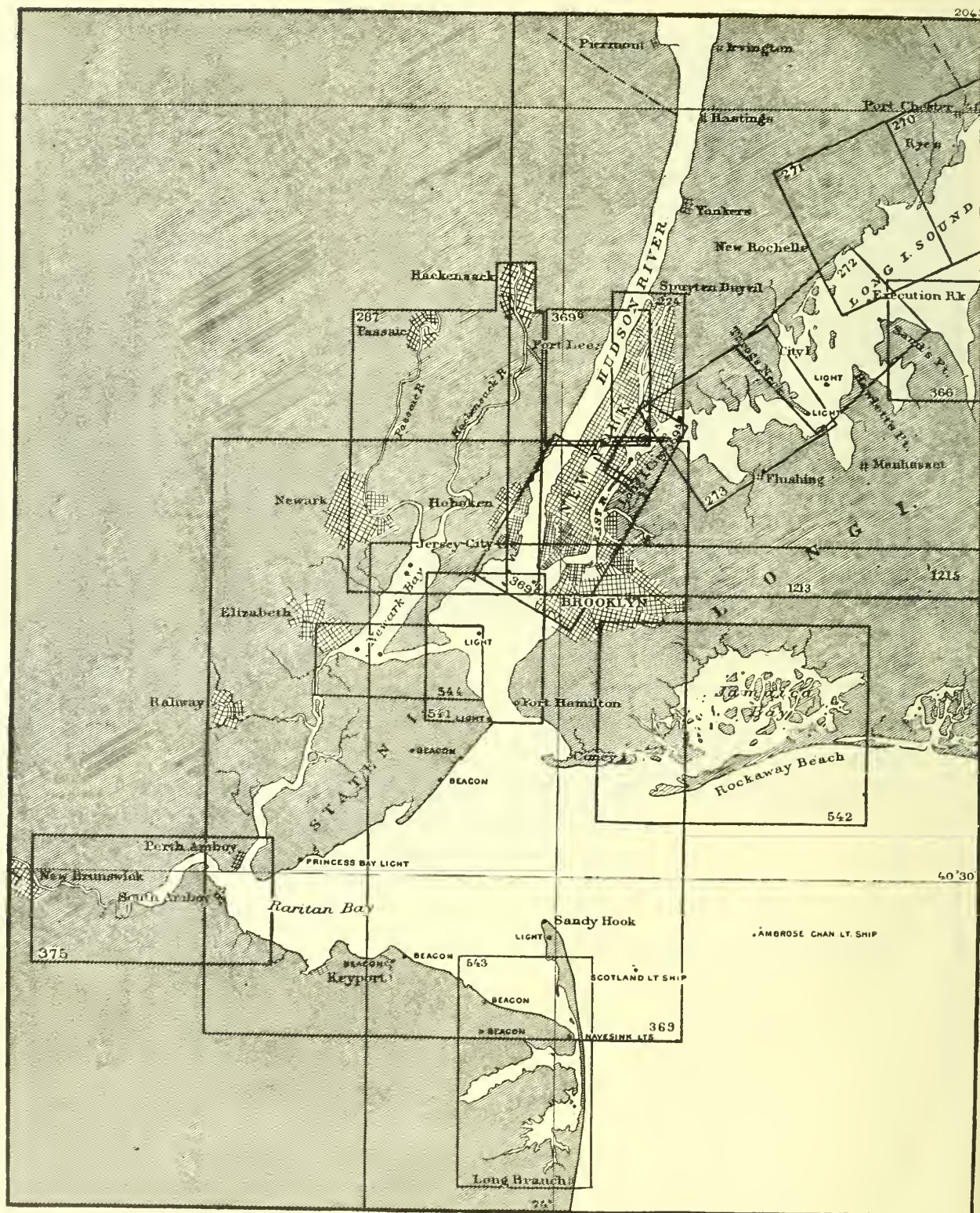




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|             | COAST AND HARBOR CHARTS—Continued.                           |                  |          |                           |                          |                       |        |
| <b>1214</b> | Shinnecock Light to Fire Island Light.....                   | New York.....    | 1:80,000 | 0.91                      | 31 × 43                  | 1919                  | \$0.50 |
| <b>1215</b> | Approaches to New York, Fire Island Light to Sea Girt Light. | N. Y. and N. J.. | 1:80,000 | 0.91                      | 33 × 42                  | 1918                  | .50    |
| 281         | Hudson River—New York to Haverstraw.....                     | .....do.....     | 1:40,000 | 1.82                      | 20 × 41                  | 1911                  | .50    |
| 282         | Hudson River—Haverstraw to Newburgh....                      | New York.....    | 1:40,000 | 1.82                      | 20 × 42                  | 1907                  | .50    |
| 283         | Hudson River—Poughkeepsie to Hudson.....                     | .....do.....     | 1:40,000 | 1.82                      | 30 × 41                  | 1916                  | .50    |
| 284         | Hudson River—Coxsackie to Troy.....                          | .....do.....     | 1:40,000 | 1.82                      | 20 × 41                  | 1917                  | .50    |
| 578         | Inland waters, Shinnecock Bay to Great South Bay.            | .....do.....     | 1:40,000 | 1.82                      | 34 × 45                  | 1916                  | .50    |

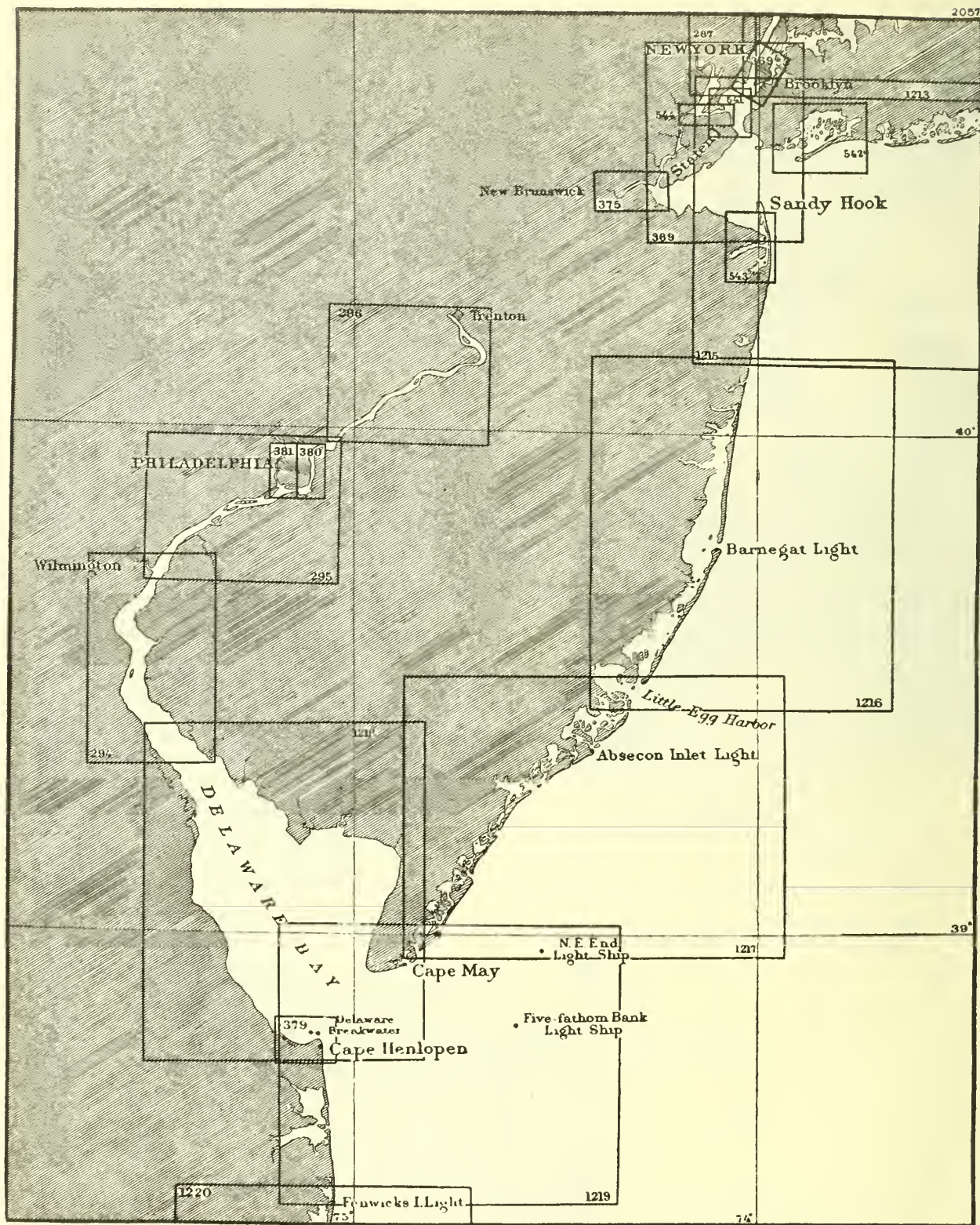






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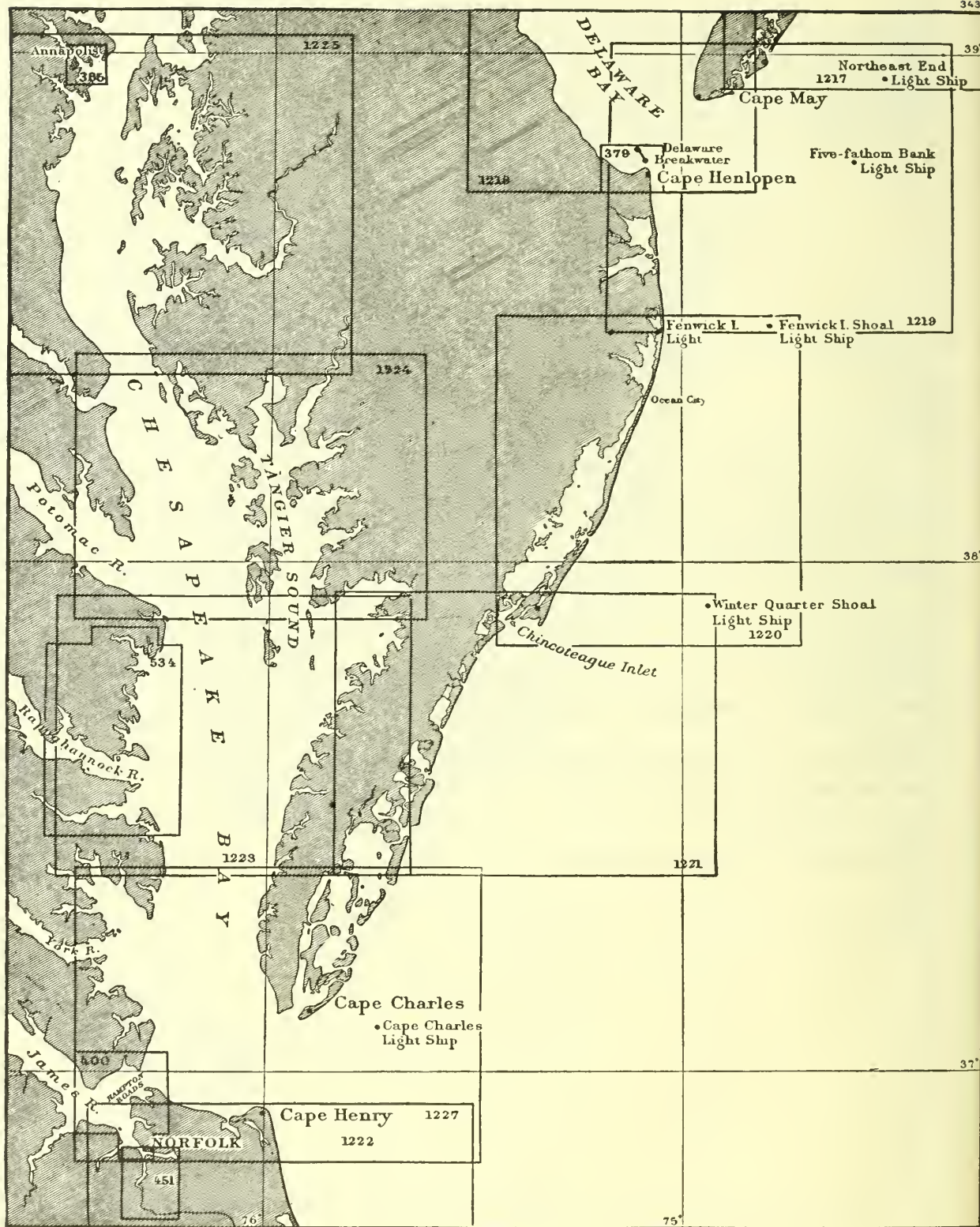
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|                  | COAST AND HARBOR CHARTS—Continued.                                  |                  |          |                           |                          |                       |        |
| 369              | New York Harbor.....  | N. Y. and N. J.. | 1:40,000 | 1.82                      | 34 × 44                  | 1919                  | \$0.50 |
| 272              | New Rochelle to Throgs Neck.....                                    | New York.....    | 1:10,000 | 7.30                      | 35 × 43                  | 1917                  | .50    |
| 273              | Throgs Neck to Randall Island.....                                  | .....do.....     | 1:10,000 | 7.30                      | 35 × 43                  | 1918                  | .50    |
| 274              | Harlem River.....   | .....do.....     | 1:10,000 | 7.30                      | 21 × 41                  | 1919                  | .25    |
| 369 <sup>5</sup> | Hell Gate and East River, from Blackwells Island to Lawrence Point. | .....do.....     | 1:5,000  | 14.59                     | 25 × 42                  | 1916                  | .50    |
| 369 <sup>4</sup> | Hudson and East Rivers, from West 67th Street to Blackwells Island. | N. Y. and N. J.. | 1:10,000 | 7.30                      | 31 × 46                  | 1919                  | .50    |
| 369 <sup>8</sup> | Hudson River, from Days Point to Fort Washington Point.             | New York.....    | 1:10,000 | 7.30                      | 28 × 41                  | 1916                  | .50    |
| 541              | New York Harbor, Upper Bay and Narrows (anchorage chart).           | N. Y. and N. J.. | 1:10,000 | 7.30                      | 34 × 43                  | 1918                  | .50    |
| 542              | Jamaica Bay and Rockaway Inlet.....                                 | New York.....    | 1:20,000 | 3.65                      | 31 × 40                  | 1916                  | .50    |
| 287              | Passaic and Hackensack Rivers.....                                  | New Jersey.....  | 1:20,000 | 3.65                      | 28 × 41                  | 1916                  | .50    |
| 375              | Raritan River.....  | .....do.....     | 1:20,000 | 3.65                      | 20 × 34                  | 1911                  | .50    |
| 543              | Shrewsbury River.....   | .....do.....     | 1:20,000 | 3.65                      | 22 × 33                  | 1917                  | .30    |
| 544              | Kill van Kull.....  | N. Y. and N. J.. | 1:15,000 | 4.86                      | 14 × 32                  | 1917                  | .30    |





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|             | COAST AND HARBOR CHARTS—Continued.              |                  |          |                           |                          |                       |        |
| <b>1216</b> | Sea Girt Light to Little Egg Inlet.....         | New Jersey.....  | 1:80,000 | 0.91                      | 33 × 39                  | 1917                  | \$0.50 |
|             | Little Egg Inlet.....                           |                  | 1:40,000 | 1.82                      |                          |                       |        |
| <b>1217</b> | Little Egg Inlet to Hereford Inlet.....         | New Jersey.....  | 1:80,000 | 0.91                      | 32 × 41                  | 1915                  | .50    |
|             | Absecon Inlet.....                              |                  | 1:40,000 | 1.82                      |                          |                       |        |
| 379         | Cape Henlopen and the Delaware Breakwater.      | Delaware.....    | 1:20,000 | 3.65                      | 21 × 27                  | 1916                  | .25    |
| <b>1218</b> | Delaware Bay.....                               | N. J. and Del... | 1:80,000 | 0.91                      | 31 × 37                  | 1915                  | .50    |
| 294         | Delaware River—Bombay Hook to Wilmington.       | .....do.....     | 1:40,000 | 1.82                      | 29 × 45                  | 1913                  | .50    |
| 295         | Delaware River—Wilmington to Philadelphia.      | N. J. and Pa...  | 1:40,000 | 1.82                      | 32 × 43                  | 1918                  | .50    |
| 296         | Delaware River—Philadelphia to Trenton.....     | .....do.....     | 1:40,000 | 1.82                      | 28 × 33                  | 1914                  | .50    |
| 380         | Philadelphia water front, Delaware River....    | Pennsylvania...  | 1:9,600  | 7.60                      | 26 × 51                  | 1916                  | .50    |
| <b>381</b>  | Philadelphia water front, Schuylkill River..... | .....do.....     | 1:9,600  | 7.60                      | 26 × 46                  | 1918                  | .50    |





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|             | COAST AND HARBOR CHARTS—Continued.            |                  |          |                           |                          |                       |        |
| <b>1219</b> | Cape May to Fenwick Island Light. ....        | N. J. and Del. . | 1:80,000 | 0.91                      | 32 × 38                  | 1915                  | \$0.50 |
| <b>1220</b> | Fenwick Island Light to Chincoteague Inlet.   | Md. and Va. .... | 1:80,000 | 0.91                      | 33 × 38                  | 1917                  | .50    |
| <b>1221</b> | Chincoteague Inlet to Hog Island Light. ....  | Virginia. ....   | 1:80,000 | 0.91                      | 31 × 41                  | 1917                  | .50    |
| <b>1222</b> | Entrance to Chesapeake Bay.....               | .....do.....     | 1:80,000 | 0.91                      | 33 × 43                  | 1915                  | .50    |
| <b>1223</b> | Chesapeake Bay—Wolftrap to Smith Point..      | Md. and Va. .... | 1:80,000 | 0.91                      | 31 × 39                  | 1917                  | .50    |
| <b>1224</b> | Chesapeake Bay—Smith Point to Cove Point..... | .....do.....     | 1:80,000 | 0.91                      | 30 × 41                  | 1913                  | .50    |



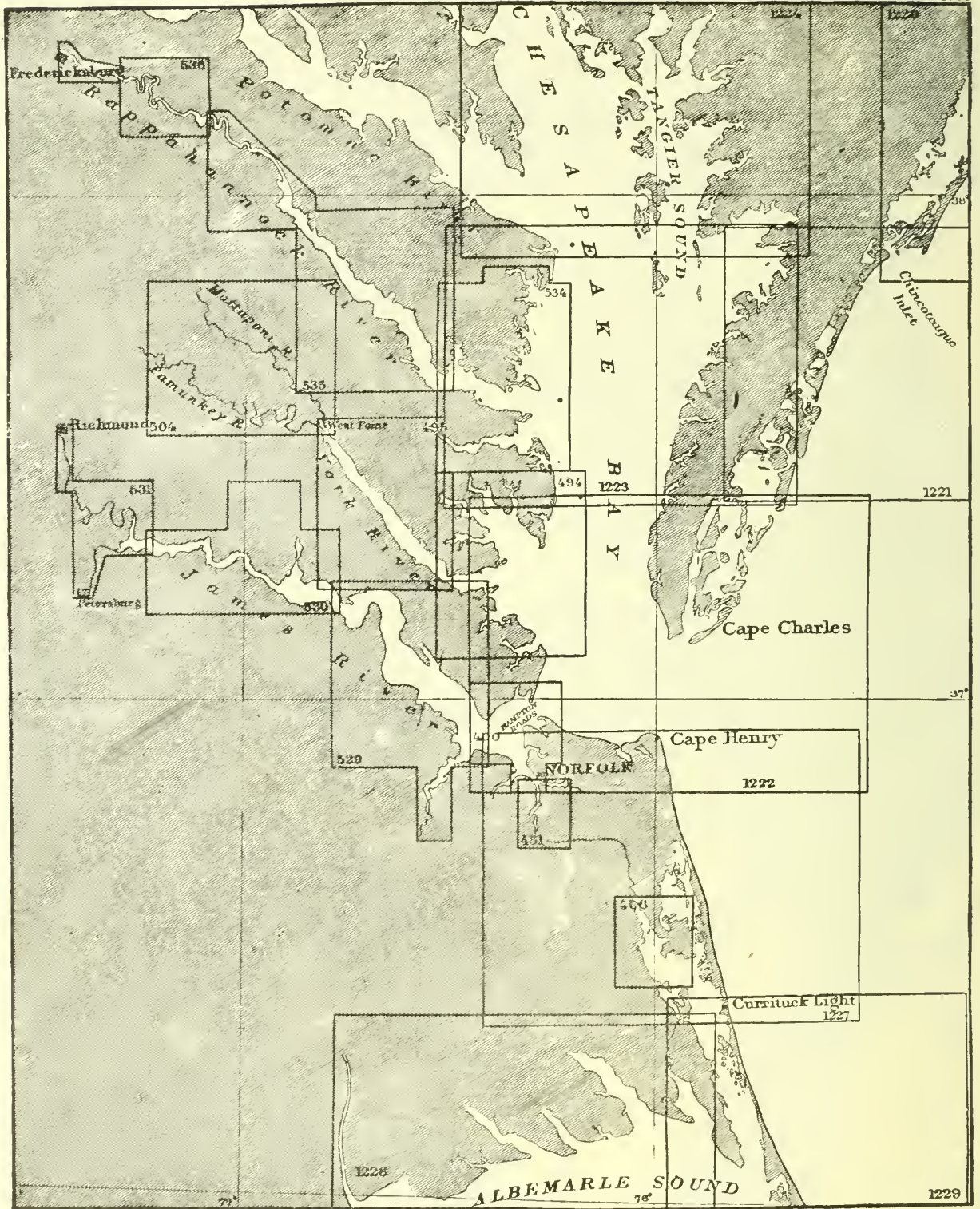




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|          | COAST AND HARBOR CHARTS—Continued.   |                |          |                           |                          |                       |        |
| 1225     | Chesapeake Bay—Cove Point to Sandy Point.                                    | Maryland.....  | 1:80,000 | 0.91                      | 35 × 38                  | 1913                  | \$0.50 |
| 1226     | Chesapeake Bay—Sandy Point to head of Bay.                                   | .....do.....   | 1:80,000 | 0.91                      | 34 × 38                  | 1913                  | .50    |
| 549      | Baltimore Harbor.....  | .....do.....   | 1:40,000 | 1.82                      | 33 × 39                  | 1918                  | .50    |
| 385      | Annapolis Harbor.....  | .....do.....   | 1:10,000 | 7.30                      | 31 × 33                  | 1911                  | .50    |
| 539      | Patuxent River.....  | .....do.....   | 1:40,000 | 1.82                      | 32 × 37                  | 1909                  | .50    |
| 557      | Potomac River, entrance to Piney Point....                                   | Md. and Va.... | 1:40,000 | 1.82                      | 35 × 40                  | 1913                  | .50    |
| 558      | Potomac River, Piney Point to Lower Cedar Point.                             | .....do.....   | 1:40,000 | 1.82                      | 34 × 45                  | 1907                  | .50    |
| 559      | Potomac River, Lower Cedar Point to Mattawoman Creek                         | .....do.....   | 1:40,000 | 1.82                      | 30 × 39                  | 1907                  | .50    |
| 560      | Potomac River, Mattawoman Creek to Georgetown.                               | .....do.....   | 1:40,000 | 1.82                      | 29 × 40                  | 1919                  | .50    |
|          | Washington Harbor.....   |                | 1:20,000 | 3.65                      |                          |                       |        |
| 534      | Rappahannock River, entrance to Tolls Point, including Great Wicomico River. | Virginia.....  | 1:40,000 | 1.82                      | 33 × 41                  | 1910                  | .50    |
| 535      | Rappahannock River—Tolls Point to Marsh Point.                               | .....do.....   | 1:40,000 | 1.82                      | 33 × 40                  | 1911                  | .50    |
| 536      | Rappahannock River—Marsh Point to Fredericksburg.                            | .....do.....   | 1:20,000 | 3.65                      | 32 × 41                  | 1918                  | .50    |
| 548      | Chester River.....   | Maryland.....  | 1:40,000 | 1.82                      | 33 × 35                  | 1912                  | .50    |

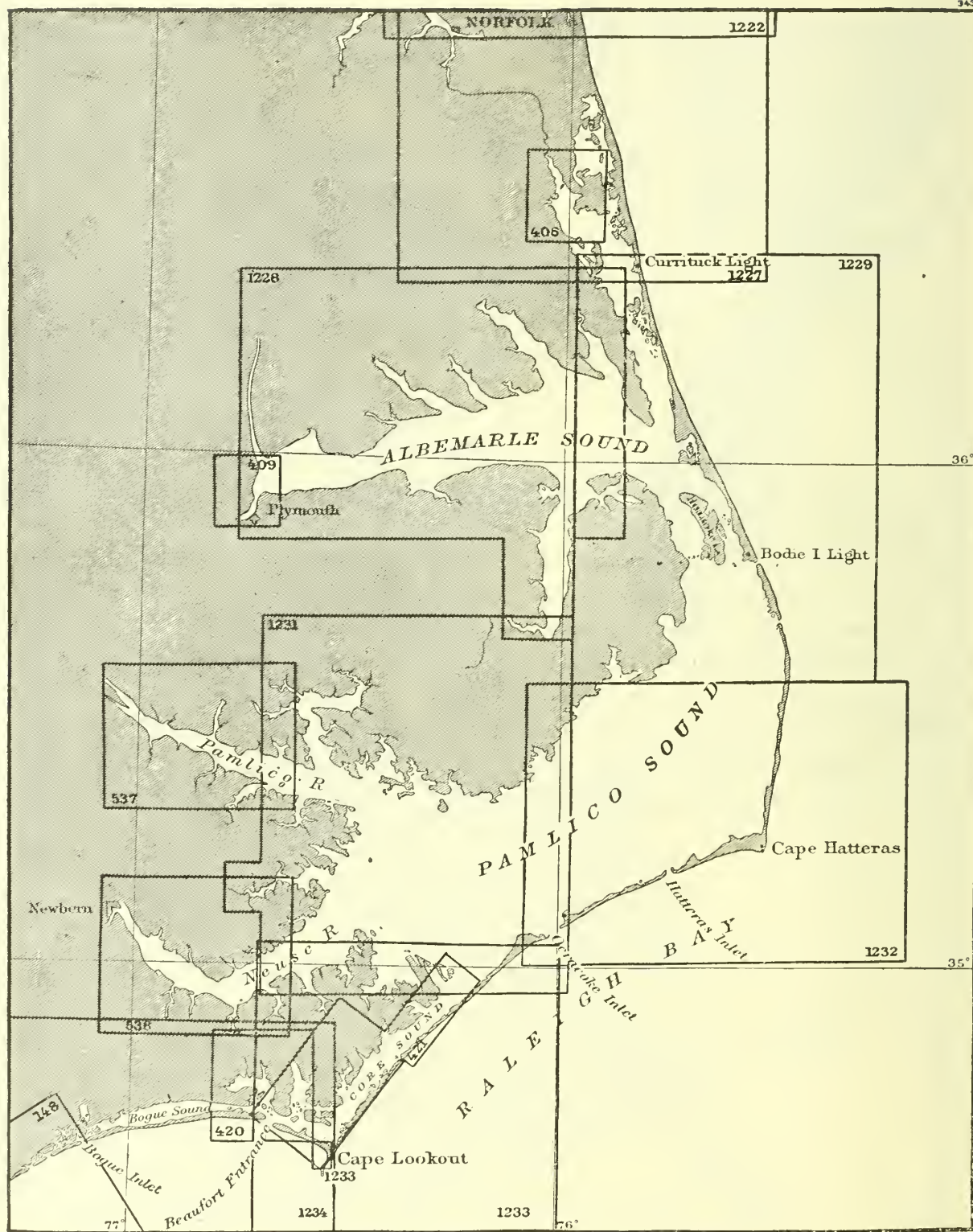




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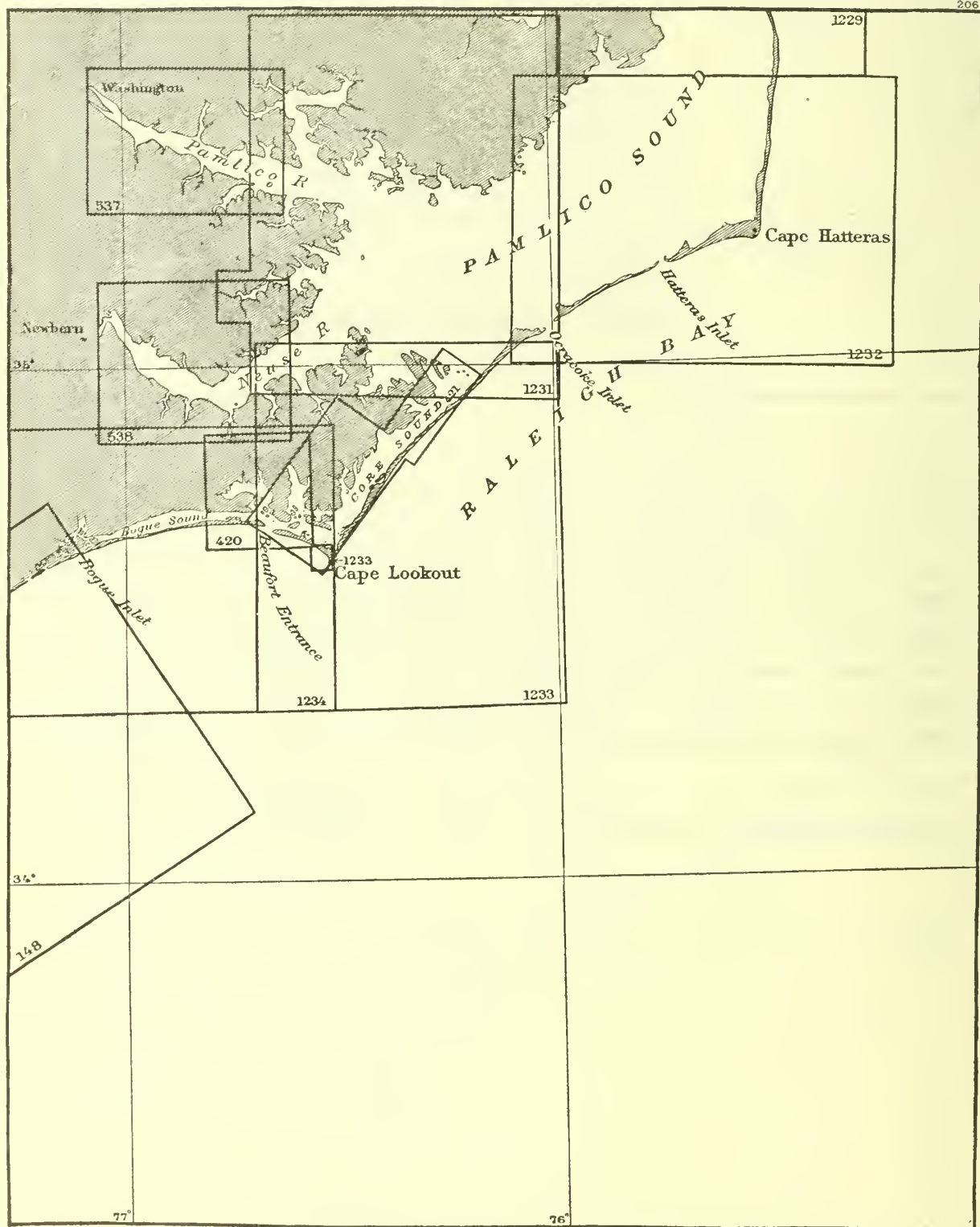
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|          | COAST AND HARBOR CHARTS—Continued.                    |                    |          |                           |                          |                       |        |
| 494      | York River, entrance to Yorktown . . . . .            | Virginia . . . . . | 1:40,000 | 1.82                      | 32 × 42                  | 1919                  | \$0.50 |
| 495      | York River, Yorktown to Westpoint . . . . .           | do. . . . .        | 1:40,000 | 1.82                      | 30 × 40                  | 1919                  | .50    |
| 400      | Hampton Roads, with continuation to Norfolk . . . . . | do. . . . .        | 1:20,000 | 3.65                      | 34 × 41                  | 1919                  | .50    |
| 529      | James River, Newport News to Jamestown . . . . .      | do. . . . .        | 1:40,000 | 1.82                      | 34 × 40                  | 1912                  | .50    |
| 530      | James River, Jamestown to Jordan Point . . . . .      | do. . . . .        | 1:40,000 | 1.82                      | 21 × 41                  | 1914                  | .50    |
| 531      | James River, Jordan Point to Richmond . . . . .       | do. . . . .        | 1:40,000 | 1.82                      | 31 × 41                  | 1914                  | .50    |
| 1227     | Cape Henry to Currituck Beach Light . . . . .         | do. . . . .        | 1:80,000 | 0.91                      | 32 × 41                  | 1916                  | .50    |
| 504      | Pamunkey and Mattaponi Rivers . . . . .               | do. . . . .        | 1:40,000 | 1.82                      | 34 × 40                  | 1914                  | .50    |
| 451      | Southern Branch of Elizabeth River . . . . .          | do. . . . .        | 1:20,000 | 3.65                      | 22 × 30                  | 1914                  | .30    |



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|          | COAST AND HARBOR CHARTS—Continued.                      |                      |          |                           |                          |                       |        |
| 406      | North Landing River. . . . .                            | Virginia. . . . .    | 1:40,000 | 1.82                      | 17 × 21                  | 1916                  | \$0.20 |
| 1229     | Currituck Beach to New Inlet. . . . .                   | N. Carolina. . . . . | 1:80,000 | 0.91                      | 32 × 47                  | 1919                  | .50    |
| 1228     | Albemarle Sound. . . . .                                | do. . . . .          | 1:80,000 | 0.91                      | 31 × 38                  | 1919                  | .50    |
| 409      | Mouths of Roanoke River. . . . .                        | do. . . . .          | 1:30,000 | 2.43                      | 19 × 21                  | 1917                  | .10    |
| 1231     | Pamlico Sound, western part. . . . .                    | do. . . . .          | 1:80,000 | 0.91                      | 34 × 42                  | 1918                  | .50    |
| 1232     | Cape Hatteras, Wimble Shoals to Ocracoke Inlet. . . . . | do. . . . .          | 1:80,000 | 0.91                      | 32 × 42                  | 1918                  | .50    |
| 537      | Pamlico River. . . . .                                  | do. . . . .          | 1:40,000 | 0.91                      | 30 × 41                  | 1915                  | .50    |
| 538      | Neuse River and upper part of Bay River. . . . .        | do. . . . .          | 1:40,000 | 0.91                      | 35 × 42                  | 1915                  | .50    |

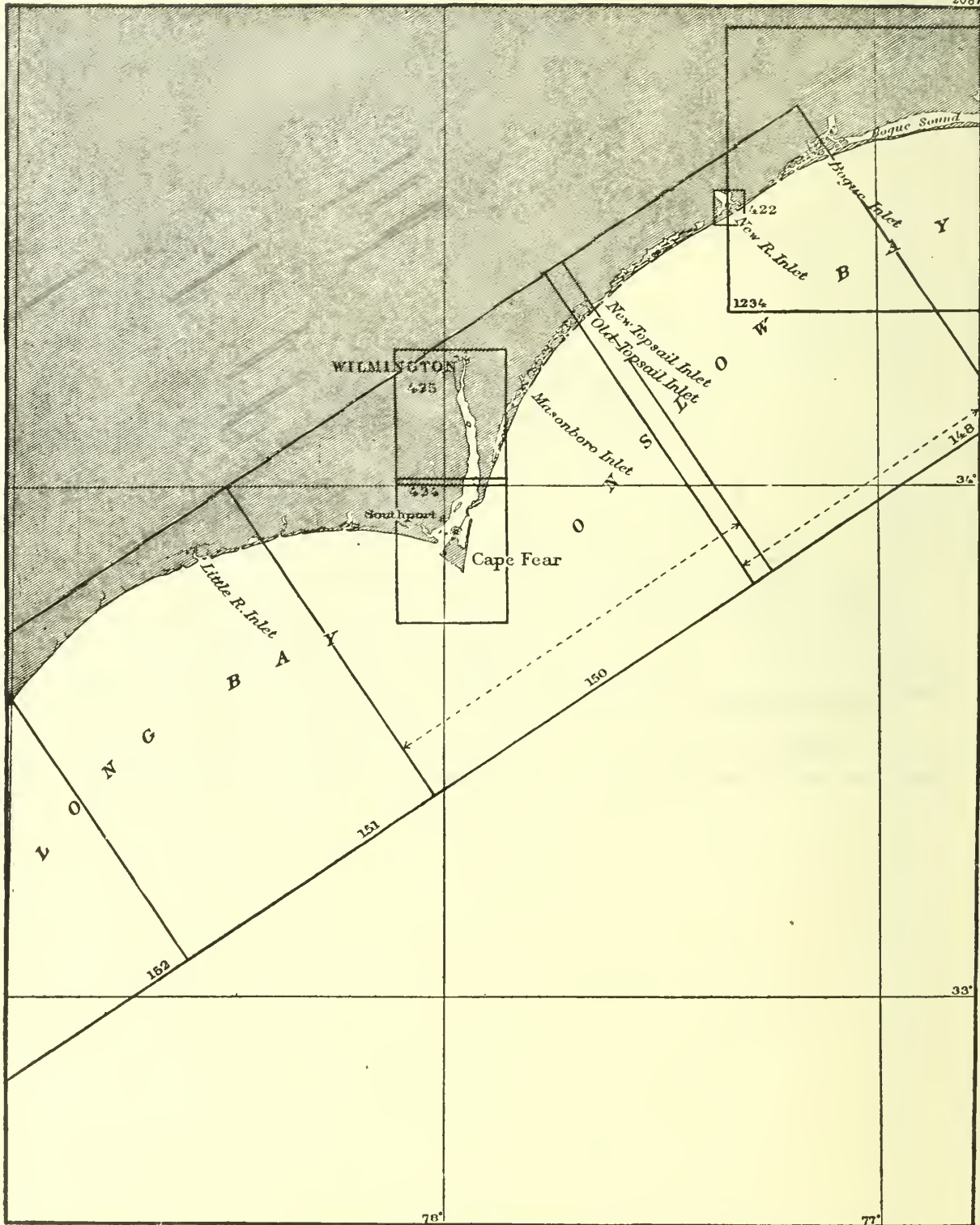






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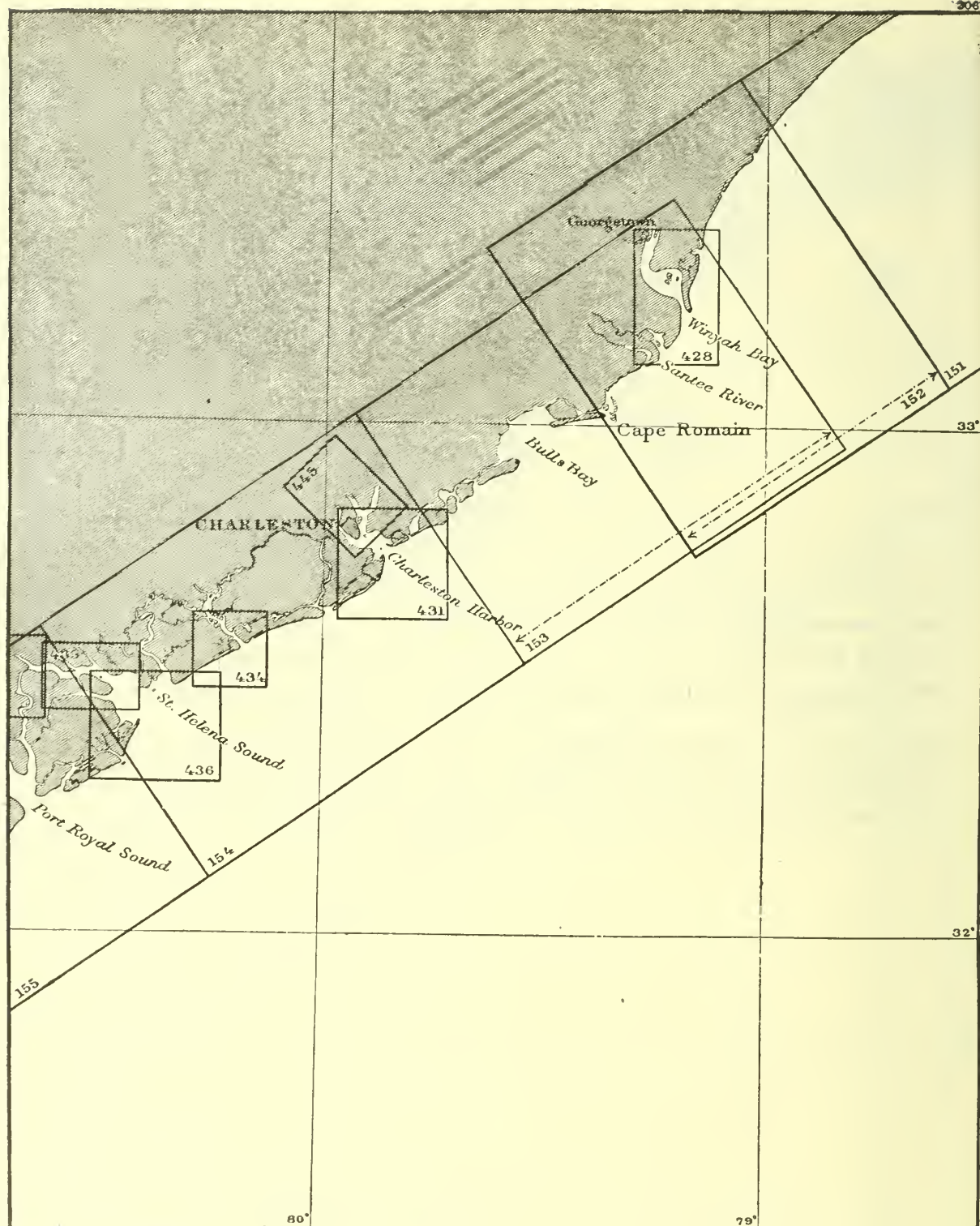
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|          | COAST AND HARBOR CHARTS—Continued.                            |                  |           |                           |                          |                       |        |
| 421      | Core Sound and Straits.....                                   | N. Carolina..... | 1:40, 000 | 1.82                      | 20 × 34                  | 1915                  | \$0.20 |
| 420      | Beaufort Harbor.....  | .....do.....     | 1:40, 000 | 1.82                      | 23 × 24                  | 1915                  | .25    |
| 1233     | Portsmouth Island to Beaufort, including Cape Lookout Shoals. | .....do.....     | 1:80, 000 | .91                       | 34 × 42                  | 1916                  | .50    |
|          | Lookout Bight.....  |                  | 1:20, 000 | 3.64                      |                          |                       |        |
| 1234     | Cape Lookout to New River.....                                | N. Carolina..... | 1:80, 000 | .91                       | 33 × 39                  | 1917                  | .50    |



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|          | COAST AND HARBOR CHARTS—Continued.                         |                  |          |                           |                          |                       |        |
| 148      | Bogue Inlet to Old Topsail Inlet.....                      | N. Carolina..... | 1:80,000 | 0.91                      | 33 × 41                  | 1889                  | \$0.50 |
| 422      | New River Inlet.....                                       | .....do.....     | 1:10,000 | 7.30                      | 27 × 31                  | 1917                  | .25    |
| 150      | Old Topsail Inlet to Shallotte Inlet, including Cape Fear. | .....do.....     | 1:80,000 | .91                       | 32 × 40                  | 1914                  | .50    |
| 424      | Cape Fear River, entrance to Reeves Point.....             | .....do.....     | 1:40,000 | 1.82                      | 24 × 30                  | 1917                  | .50    |
| 425      | Cape Fear River, Reeves Point to Wilmington.....           | .....do.....     | 1:40,000 | 1.82                      | 24 × 30                  | 1913                  | .50    |
| 151      | Little River Inlet and part of Long Bay ....               | S. Carolina..... | 1:80,000 | .91                       | 33 × 41                  | 1888                  | .50    |

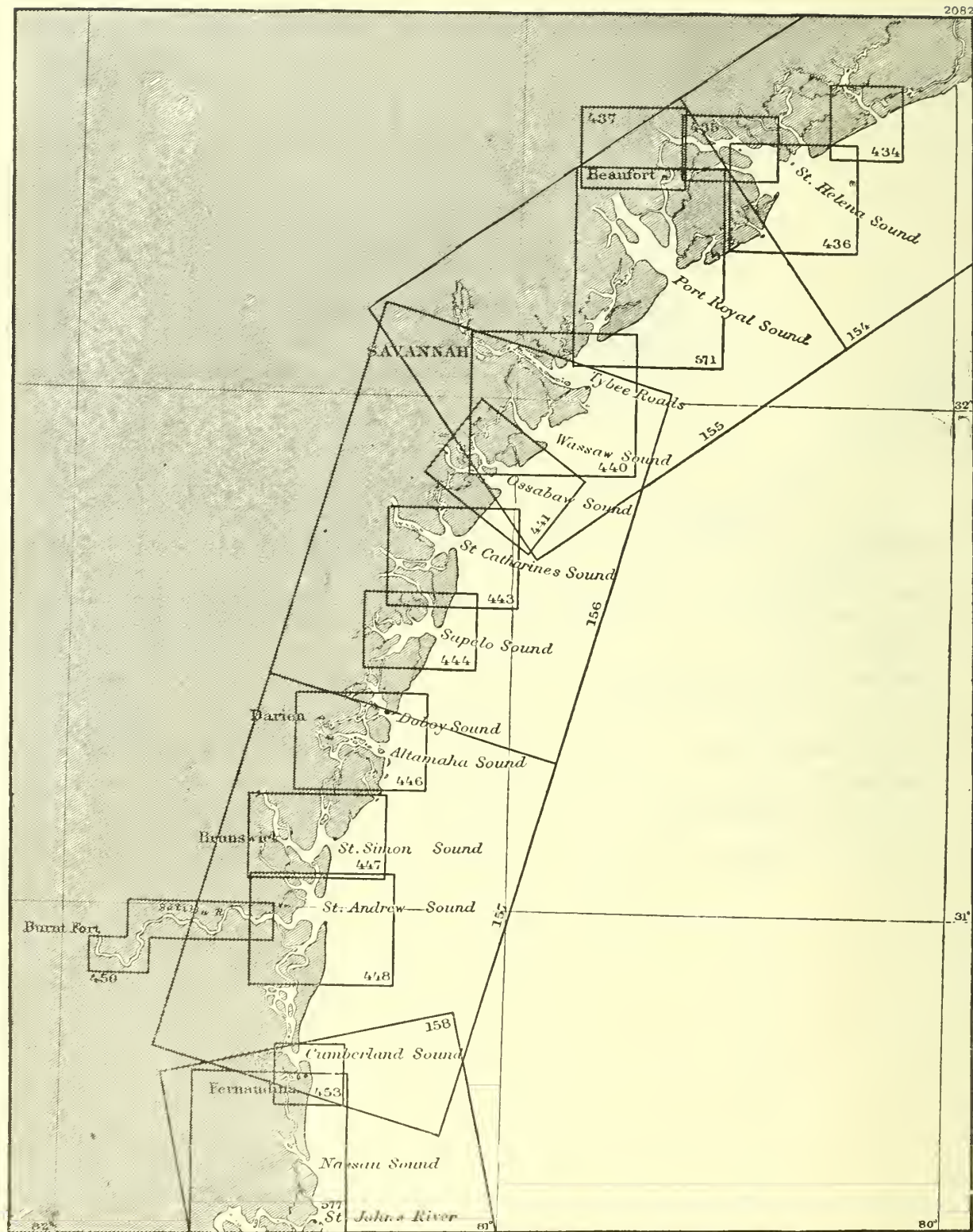




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|          | COAST AND HARBOR CHARTS—Continued.                    |                  |          |                           |                          |                       |        |
| 152      | Murrells Inlet to Cape Romain, including Winyah Bay.  | S. Carolina..... | 1:80,000 | 0.91                      | 32 × 40                  | 1919                  | \$0.50 |
| 153      | North Island to Isle of Palms, including Cape Romain. | .....do.....     | 1:80,000 | .91                       | 32 × 40                  | 1918                  | .50    |
| 428      | Winyah Bay.....                                       | .....do.....     | 1:40,000 | 1.82                      | 19 × 29                  | 1919                  | .25    |
| 154      | Isle of Palms to Hunting Island.....                  | .....do.....     | 1:80,000 | .91                       | 32 × 40                  | 1919                  | .50    |
| 431      | Charleston Harbor.....                                | .....do.....     | 1:30,000 | 2.43                      | 30 × 32                  | 1918                  | .50    |
| 445      | Charleston and vicinity.....                          | .....do.....     | 1:20,000 | 3.65                      | 31 × 37                  | 1919                  | .50    |
| 434      | North Edisto River.....                               | .....do.....     | 1:50,000 | 1.46                      | 14 × 17                  | 1861                  | .20    |
| 435      | Bull and Combahee Rivers.....                         | .....do.....     | 1:40,000 | 1.82                      | 15 × 22                  | 1915                  | .20    |
| 436      | St. Helena Sound.....                                 | .....do.....     | 1:40,000 | 1.82                      | 24 × 28                  | 1918                  | .25    |







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|          | COAST AND HARBOR CHARTS—Continued.                            |                 |          |                           |                          |                       |        |
| 155      | Hunting Island to Ossabaw Island. ....                        | S. C. and Ga... | 1:80,000 | 0.91                      | 32 × 40                  | 1919                  | \$0.50 |
| 437      | Whale Branch; inside passage between Coosaw and Broad Rivers. | S. Carolina.... | 1:40,000 | 1.82                      | 18 × 25                  | 1876                  | .25    |
| 571      | Port Royal Sound.....   | .....do.....    | 1:40,000 | 1.82                      | 33 × 41                  | 1918                  | .50    |
| 156      | Savannah to Sapelo Island.....                                | S. C. and Ga... | 1:80,000 | .91                       | 32 × 41                  | 1919                  | .50    |
| 440      | Tybee Roads, Savannah River, and Wassaw Sound.                | .....do.....    | 1:40,000 | 1.82                      | 30 × 40                  | 1916                  | .50    |
| 441      | Ossabaw Sound.....  | Georgia.....    | 1:30,000 | 2.43                      | 24 × 37                  | 1918                  | .25    |
| 443      | St. Catharines Sound.....                                     | .....do.....    | 1:40,000 | 1.82                      | 22 × 29                  | 1905                  | .25    |
| 444      | Sapelo Sound.....   | .....do.....    | 1:30,000 | 2.43                      | 23 × 34                  | 1905                  | .25    |
| 157      | Sapelo Island to Amelia Island.....                           | .....do.....    | 1:80,000 | .91                       | 32 × 41                  | 1917                  | .50    |
| 446      | Doboy and Altamaha Sounds. ....                               | .....do.....    | 1:40,000 | 1.82                      | 21 × 29                  | 1913                  | .25    |
| 447      | St. Simon Sound, Brunswick Harbor, and Turtle River.          | .....do.....    | 1:40,000 | 1.82                      | 19 × 29                  | 1915                  | .25    |
| 448      | St. Andrew Sound.....   | .....do.....    | 1:40,000 | 1.82                      | 24 × 29                  | 1911                  | .25    |
| 450      | Satilla River, Bailey Cut to Burnt Fort.....                  | .....do.....    | 1:20,000 | 3.16                      | 29 × 43                  | 1912                  | .50    |

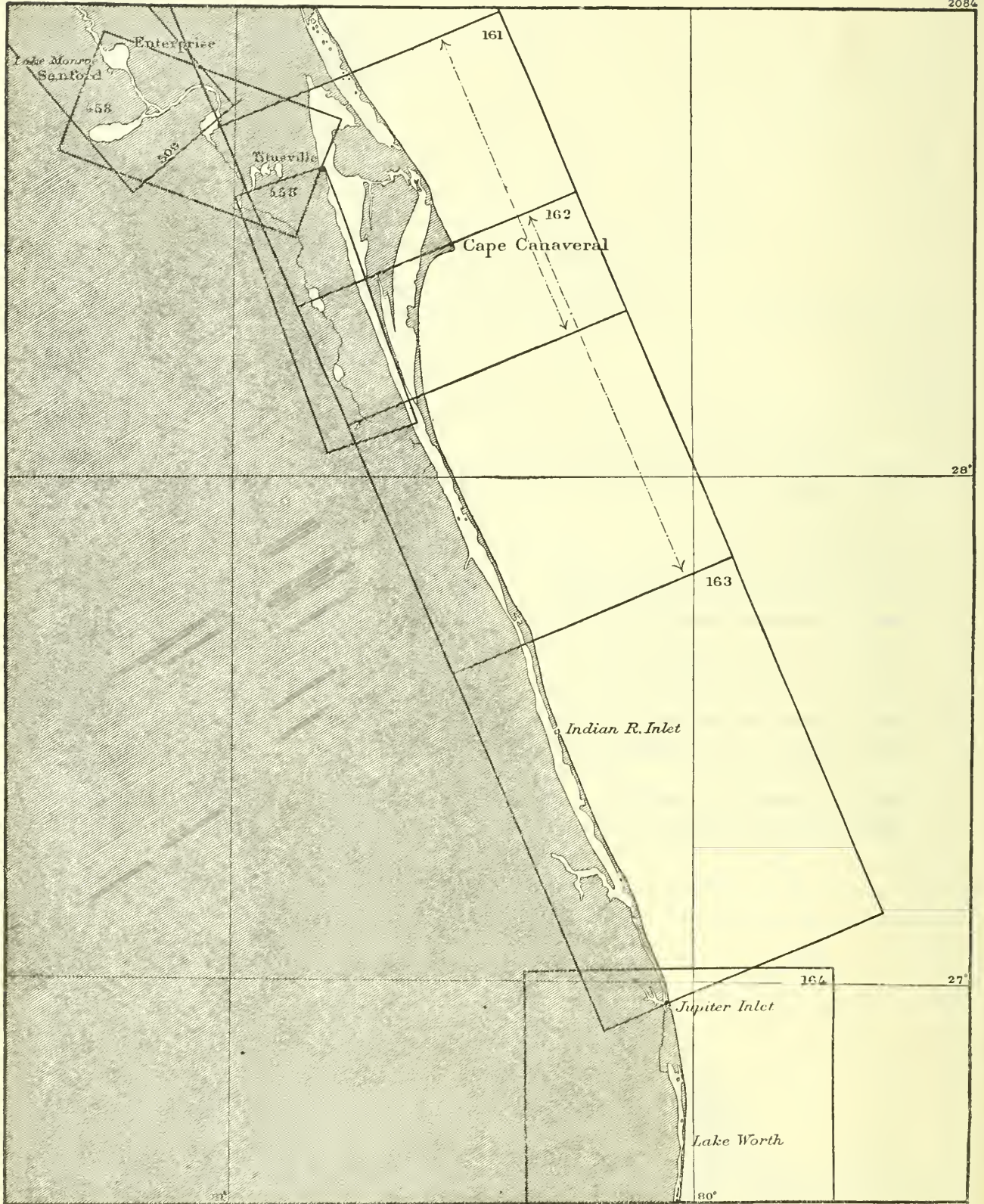


## ATLANTIC COAST—CONTINUED.

## GEOGRAPHIC ARRANGEMENT—CONTINUED.

| Cat. No.     | TITLE.   | State.         | SCALE.   |                                 | Size of<br>of border<br>(inches). | Date of<br>last<br>edition. | Price.  |
|--------------|--|----------------|----------|---------------------------------|-----------------------------------|-----------------------------|---------|
|              |  |                | Average. | Inches to<br>nautical<br>miles. |                                   |                             |         |
|              | COAST AND HARBOR CHARTS—Continued.                   |                |          |                                 |                                   |                             |         |
| 158          | St. Marys entrance, and southward to latitude 30° N. | Ga. and Fla... | 1:80,000 | 0. 91                           | 33 × 41                           | 1919                        | \$0. 50 |
| 453          | Fernandina entrance.....                             | Florida.....   | 1:20,000 | 3. 65                           | 25 × 30                           | 1916                        | . 25    |
| 577          | Fernandina to Jacksonville.....                      | .....do.....   | 1:40,000 | 1. 82                           | 33 × 41                           | 1918                        | . 50    |
| 455 <i>b</i> | St. Johns River, Jacksonville to Hibernia.....       | .....do.....   | 1:40,000 | 1. 82                           | 21 × 32                           | 1911                        | . 40    |
| 455 <i>c</i> | St. Johns River, Hibernia to Racy Point.....         | .....do.....   | 1:40,000 | 1. 82                           | 21 × 32                           | 1900                        | . 40    |
| 455 <i>d</i> | St. Johns River, Toccoi to San Mateo.....            | .....do.....   | 1:40,000 | 1. 82                           | 21 × 29                           | 1910                        | . 40    |
| 508          | St. Johns River, Palatka to Lake George.....         | .....do.....   | 1:40,000 | 1. 82                           | 30 × 32                           | 1909                        | . 25    |
| 509          | St. Johns River, Lake George to Lake Harney.....     | .....do.....   | 1:40,000 | 1. 82                           | 30 × 32                           | 1914                        | . 25    |
| 458          | St. Johns River, Lake Monroe to Lake Washington.     | .....do.....   | 1:80,000 | 0. 91                           | 26 × 30                           | 1909                        | . 40    |
| 159          | St. Augustine Inlet to Halifax River.....            | .....do.....   | 1:80,000 | 0. 91                           | 32 × 41                           | 1919                        | . 50    |
| 160          | Halifax River to Mosquito Lagoon.....                | .....do.....   | 1:80,000 | 0. 91                           | 33 × 36                           | 1882                        | . 50    |



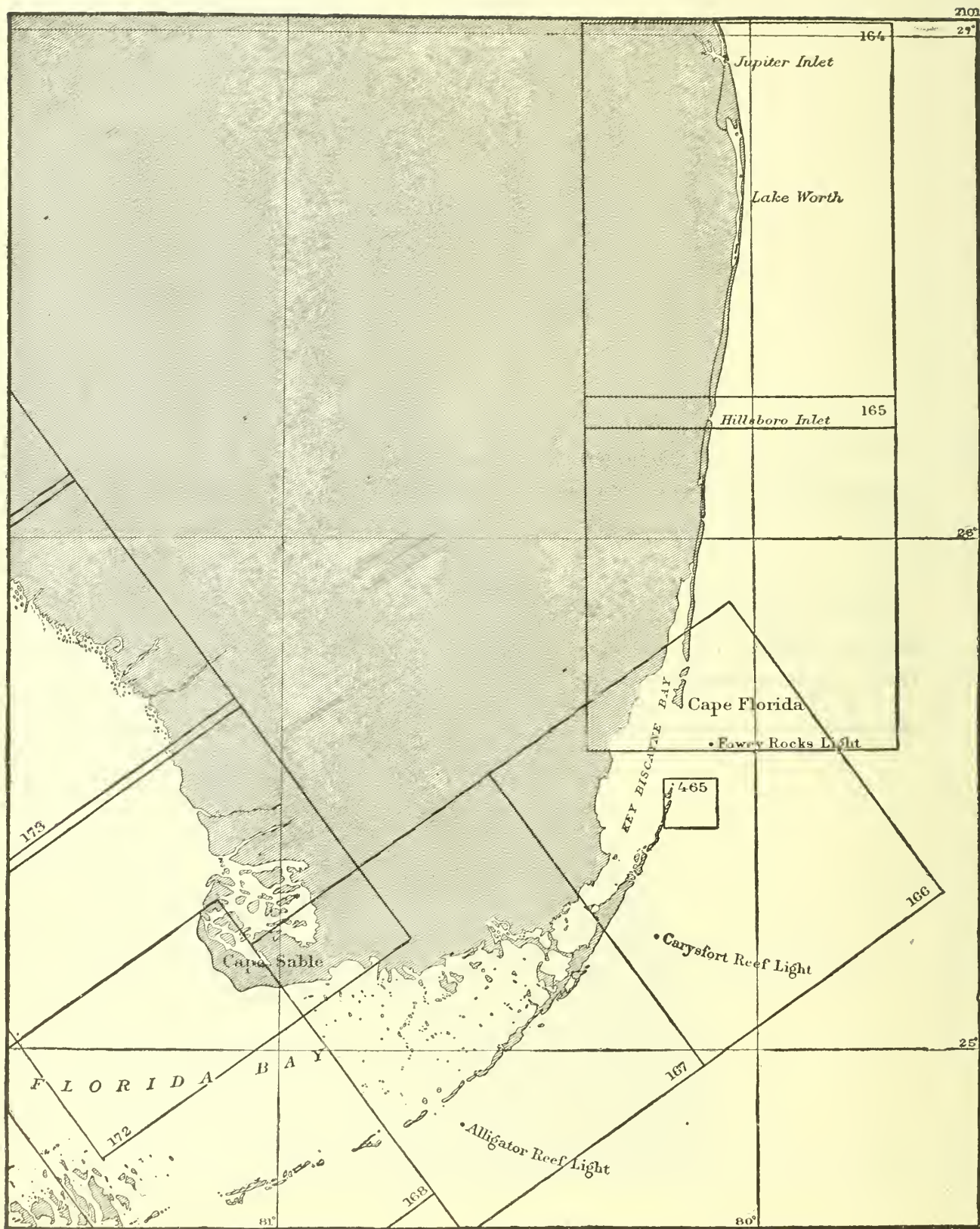


## ATLANTIC COAST—CONTINUED.

## GEOGRAPHIC ARRANGEMENT—CONTINUED.

| Cat. No.   | TITLE.  | State.       | SCALE.   |                           | Size of border (inches). | Date of last edition. | Price. |
|------------|---|--------------|----------|---------------------------|--------------------------|-----------------------|--------|
|            |   |              | Average. | Inches to nautical miles. |                          |                       |        |
|            | COAST AND HARBOR CHARTS—Continued.                |              |          |                           |                          |                       |        |
| <b>161</b> | Cape Canaveral.....                               | Florida..... | 1:80,000 | 0.91                      | 32 × 35                  | 1883                  | \$0.50 |
| <b>162</b> | e Canaveral southward to latitude 27°<br>Capl' N. | .....do..... | 1:80,000 | 0.91                      | 32 × 43                  | 1887                  | .50    |
| <b>163</b> | 4<br>Latitude 27° 41' N. to Jupiter Inlet.....    | .....do..... | 1:80,000 | 0.91                      | 32 × 43                  | 1887                  | .50    |



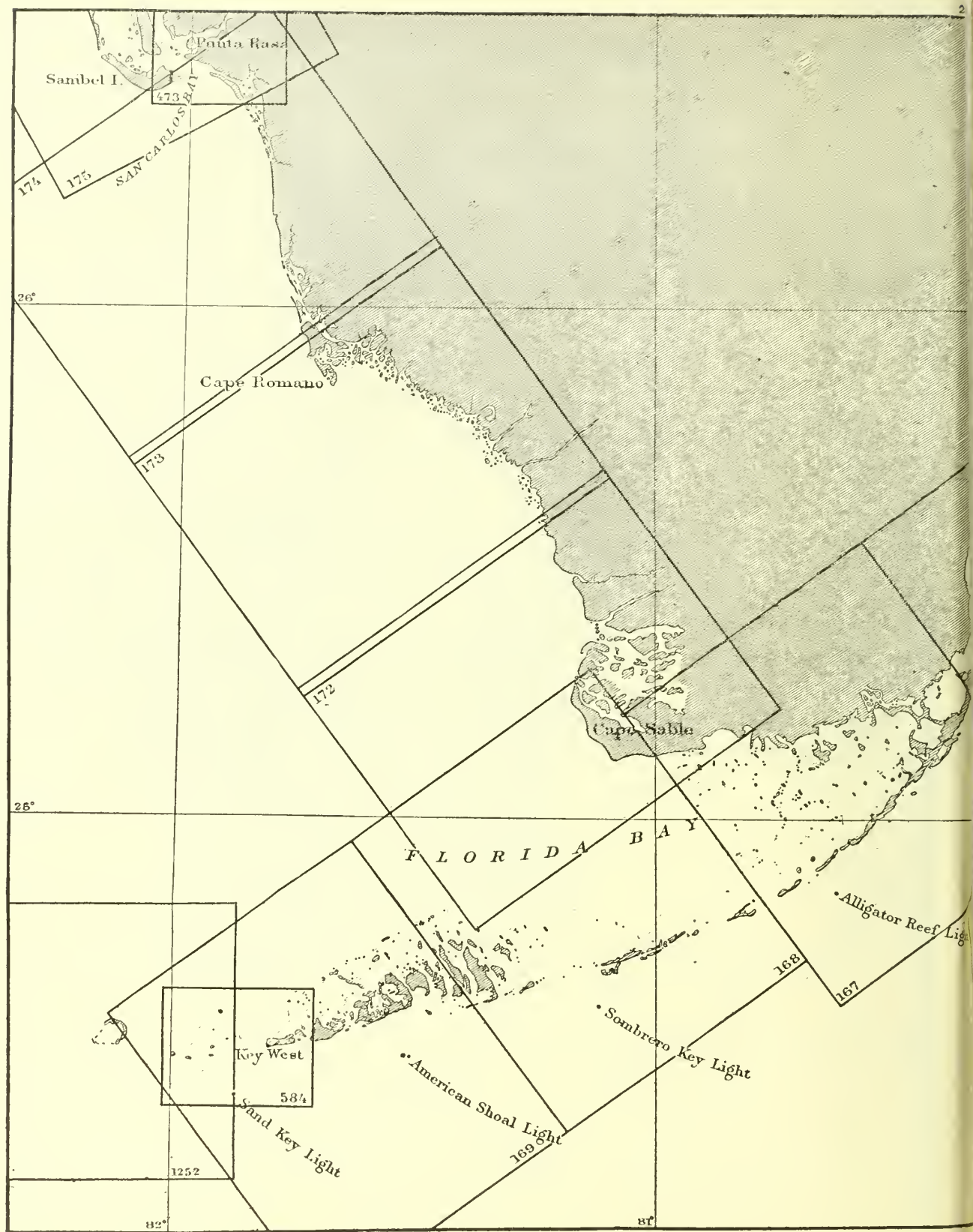




# ATLANTIC COAST—CONTINUED.

## GEOGRAPHIC ARRANGEMENT—CONTINUED.

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|----------|--|---------------|----------|---------------------------|--------------------------|-----------------------|--------|
|          |  |               | Average. | Inches to nautical miles. |                          |                       |        |
|          | COAST AND HARBOR CHARTS—Continued.     |               |          |                           |                          |                       |        |
| 164      | Jupiter Inlet to Hillsboro Inlet. .... | Florida. .... | 1:80,000 | 0.91                      | 32 × 41                  | 1887                  | \$0.50 |
| 165      | Hillsboro Inlet to Fowey Rocks. ....   | .....do. .... | 1:80,000 | 0.91                      | 32 × 41                  | 1919                  | .50    |
| 166      | Key Biscayne to Carysfort Reef. ....   | .....do. .... | 1:80,000 | 0.91                      | 32 × 40                  | 1919                  | .50    |
| 465      | Legaré Anchorage. ....                 | .....do. .... | 1:20,000 | 3.65                      | 22 × 22                  | 1900                  | .15    |
| 167      | Elbow Key to Matecumbe Key. ....       | .....do. .... | 1:80,000 | 0.91                      | 32 × 39                  | 1919                  | .50    |

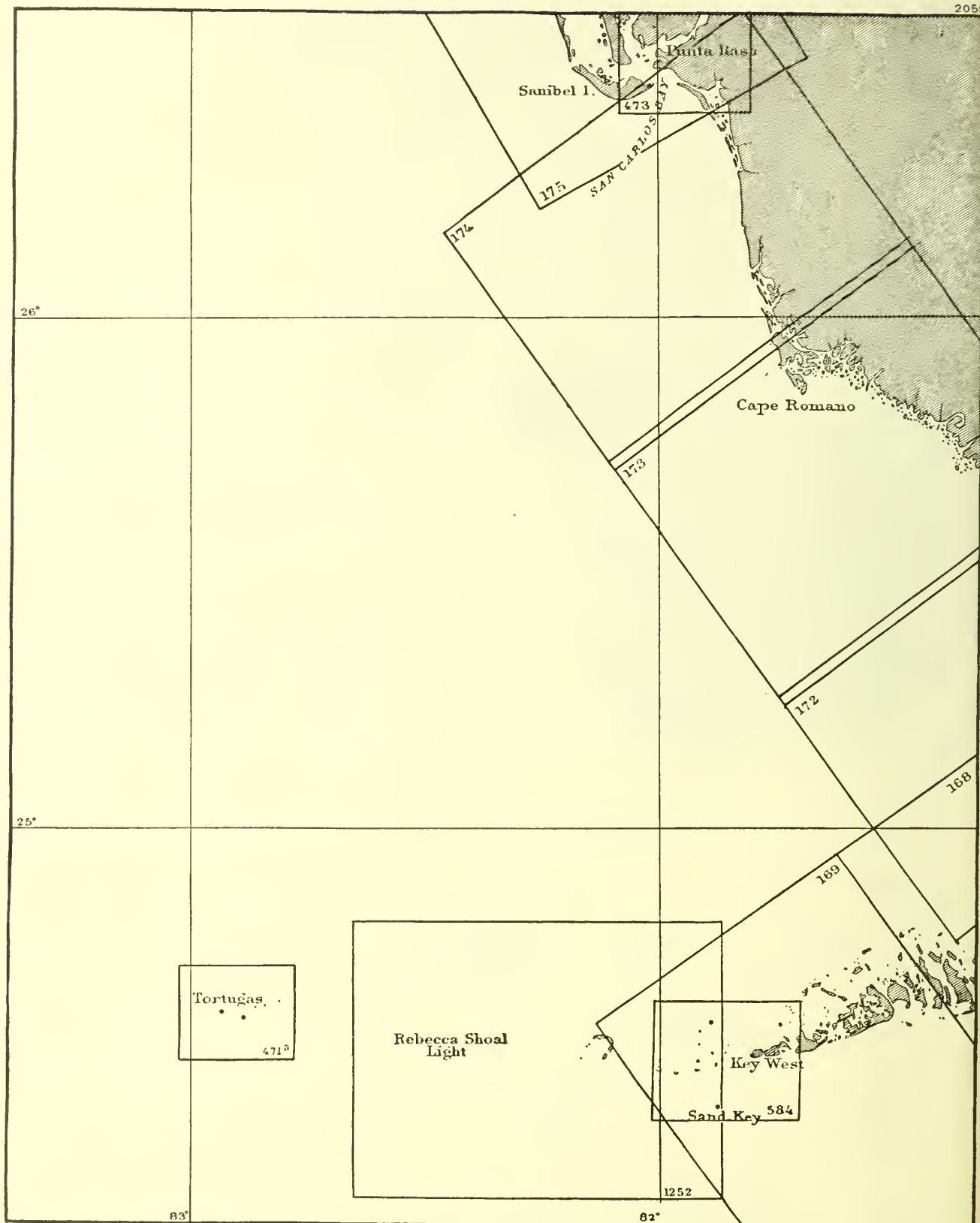


# ATLANTIC AND GULF COASTS.

## GEOGRAPHIC ARRANGEMENT.

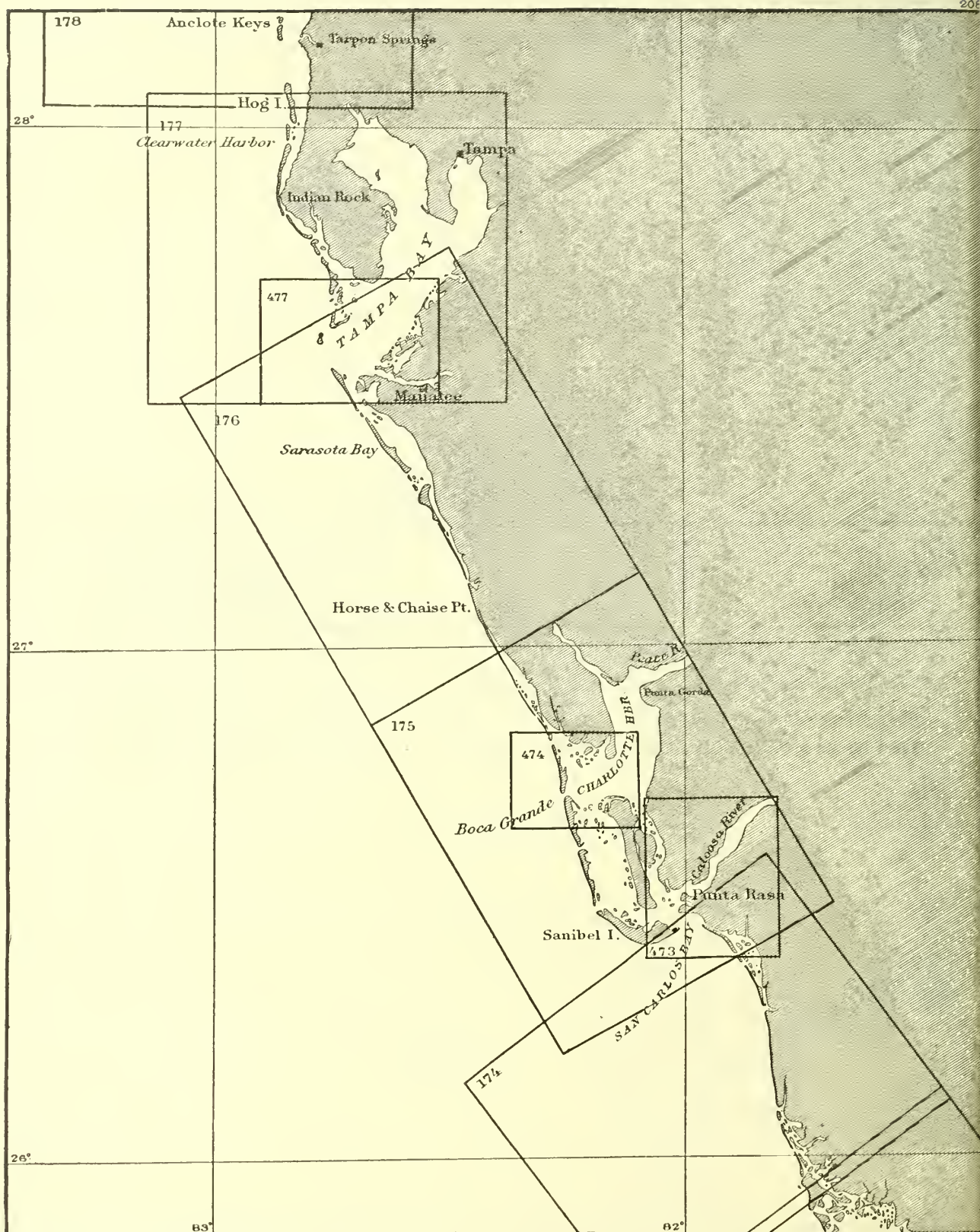
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|----------|---|--------------|----------|---------------------------|--------------------------|-----------------------|--------|
|          |   |              | Average. | Inches to nautical miles. |                          |                       |        |
|          | COAST AND HARBOR CHARTS—Continued.          |              |          |                           |                          |                       |        |
| 168      | Long Key to Newfound Harbor Key.....        | Florida..... | 1:80,000 | 0.91                      | 32 × 41                  | 1919                  | \$0.50 |
| 169      | Newfound Harbor Key to Boca Grande Key..... | do.....      | 1:80,000 | 0.91                      | 31 × 41                  | 1913                  | .50    |
| 584      | Key West Harbor and approaches.....         | do.....      | 1:30,000 | 2.43                      | 34 × 42                  | 1919                  | .50    |
| 172      | Cape Sable to Seminole Point.....           | do.....      | 1:80,000 | 0.91                      | 32 × 40                  | 1895                  | .50    |
| 173      | Seminole Point to Big Marco Pass.....       | do.....      | 1:80,000 | 0.91                      | 32 × 40                  | 1893                  | .50    |





**GULF COAST.**  
**GEOGRAPHIC ARRANGEMENT.**

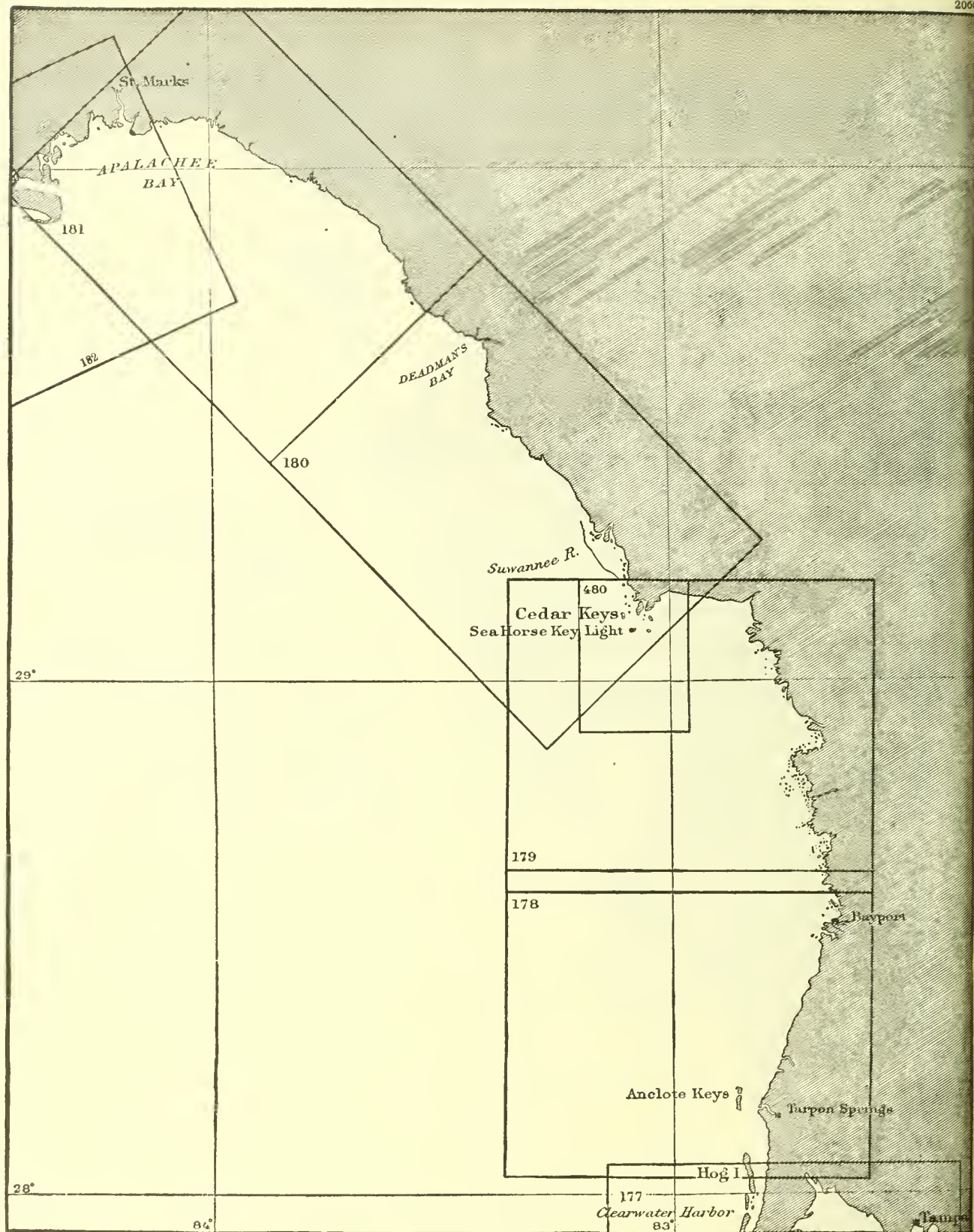
| Cat. No.    | TITLE.                                | State.        | SCALE.   |                                 | Size of<br>of border<br>(inches). | Date of<br>last<br>edition. | Price. |
|-------------|---------------------------------------|---------------|----------|---------------------------------|-----------------------------------|-----------------------------|--------|
|             |                                       |               | Average. | Inches to<br>nautical<br>miles. |                                   |                             |        |
|             | COAST AND HARBOR CHARTS—Continued.    |               |          |                                 |                                   |                             |        |
| <b>1252</b> | Sand Key Light to Rebecca Shoal.....  | Florida ..... | 1:80,000 | 0.91                            | 31 × 41                           | 1913                        | \$0.50 |
| 471a        | Tortugas Harbor and approaches.....   | .....do.....  | 1:40,000 | 1.82                            | 21 × 24                           | 1904                        | .25    |
| <b>174</b>  | Big Marco Pass to San Carlos Bay..... | .....do.....  | 1:80,000 | 0.91                            | 32 × 40                           | 1897                        | .50    |





**GULF COAST—CONTINUED.**  
**GEOGRAPHIC ARRANGEMENT—CONTINUED.**

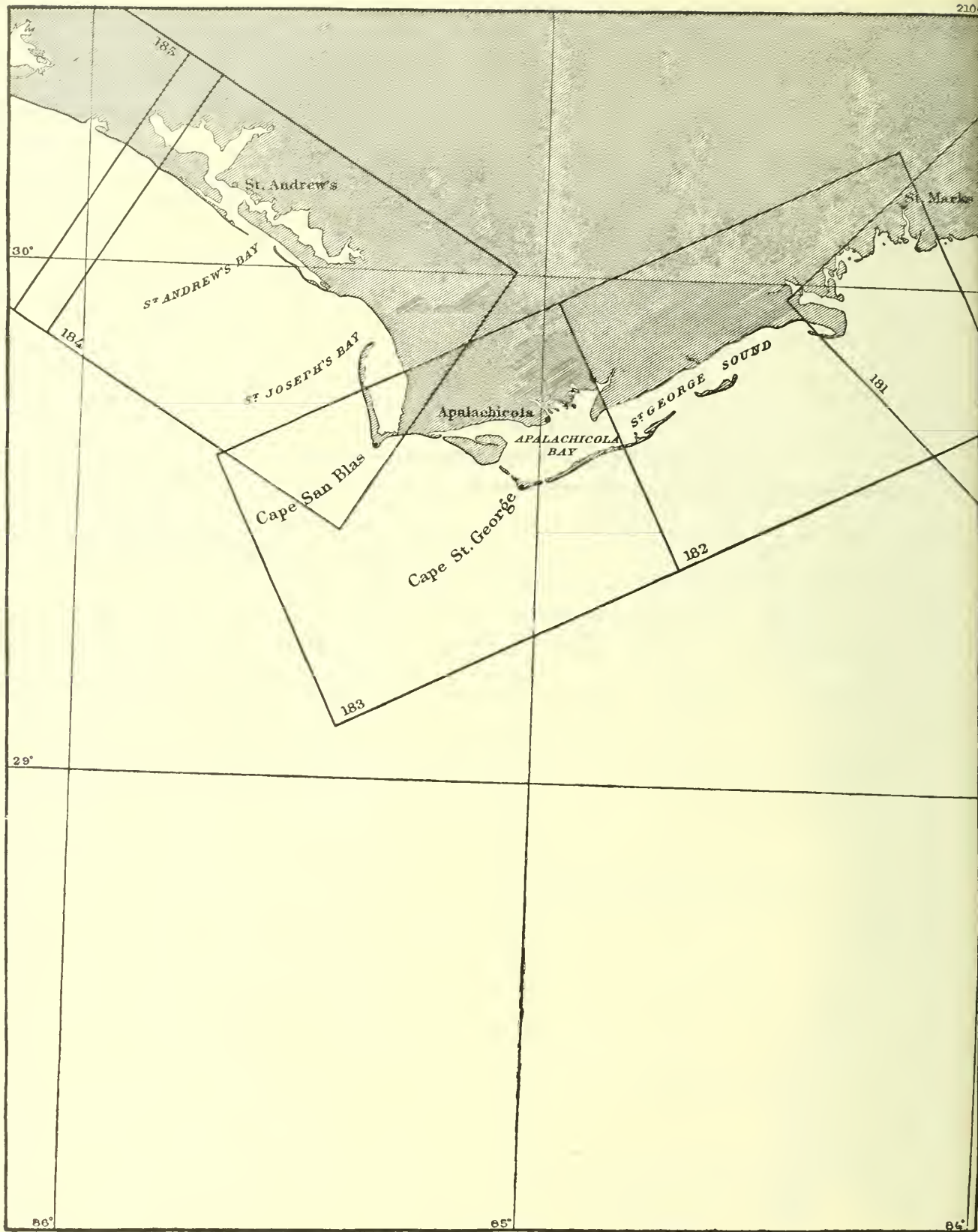
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|------------|--|--------------|----------|---------------------------|--------------------------|-----------------------|--------|
|            |  |              | Average. | Inches to nautical miles. |                          |                       |        |
|            | COAST AND HARBOR CHARTS—Continued.                       |              |          |                           |                          |                       |        |
| <b>175</b> | San Carlos Bay to Lemon Bay, including Charlotte Harbor. | Florida..... | 1:80,000 | 0.91                      | 33 × 40                  | 1918                  | \$0.50 |
| 473        | San Carlos Bay and Caloosahatchee River.....             | do.....      | 1:40,000 | 1.82                      | 28 × 35                  | 1909                  | .25    |
| 474        | Main entrance to Charlotte Harbor.....                   | do.....      | 1:40,000 | 1.82                      | 22 × 27                  | 1912                  | .25    |
| <b>176</b> | Lemon Bay to Tampa Bay.....                              | do.....      | 1:80,000 | 0.91                      | 33 × 42                  | 1915                  | .50    |
| 477        | Entrance to Tampa Bay.....                               | do.....      | 1:40,000 | 1.82                      | 27 × 38                  | 1917                  | .25    |
| <b>177</b> | Tampa Bay.....   | do.....      | 1:80,000 | 0.91                      | 33 × 39                  | 1909                  | .50    |



**GULF COAST—CONTINUED.**  
**GEOGRAPHIC ARRANGEMENT—CONTINUED.**

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|------------|---|--------------|----------|---------------------------|--------------------------|-----------------------|--------|
|            |   |              | Average. | Inches to nautical miles. |                          |                       |        |
|            | COAST AND HARBOR CHARTS—Continued.                      |              |          |                           |                          |                       |        |
| <b>178</b> | Hog Island to Wall Creek, including Anclothe Anchorage. | Florida..... | 1:80,000 | 0.91                      | 34 × 40                  | 1888                  | \$0.50 |
| <b>179</b> | Wall Creek to Cedar Keys.....                           | do.....      | 1:80,000 | 0.91                      | 33 × 39                  | 1890                  | .50    |
| 480        | Cedar Keys.....   | do.....      | 1:50,000 | 1.46                      | 19 × 26                  | 1887                  | .20    |
| <b>180</b> | Cedar Keys to Deadmans Bay.....                         | do.....      | 1:80,000 | 0.91                      | 32 × 43                  | 1886                  | .50    |
| <b>181</b> | Apalachee Bay.....                                      | do.....      | 1:80,000 | 0.91                      | 33 × 42                  | 1885                  | .50    |

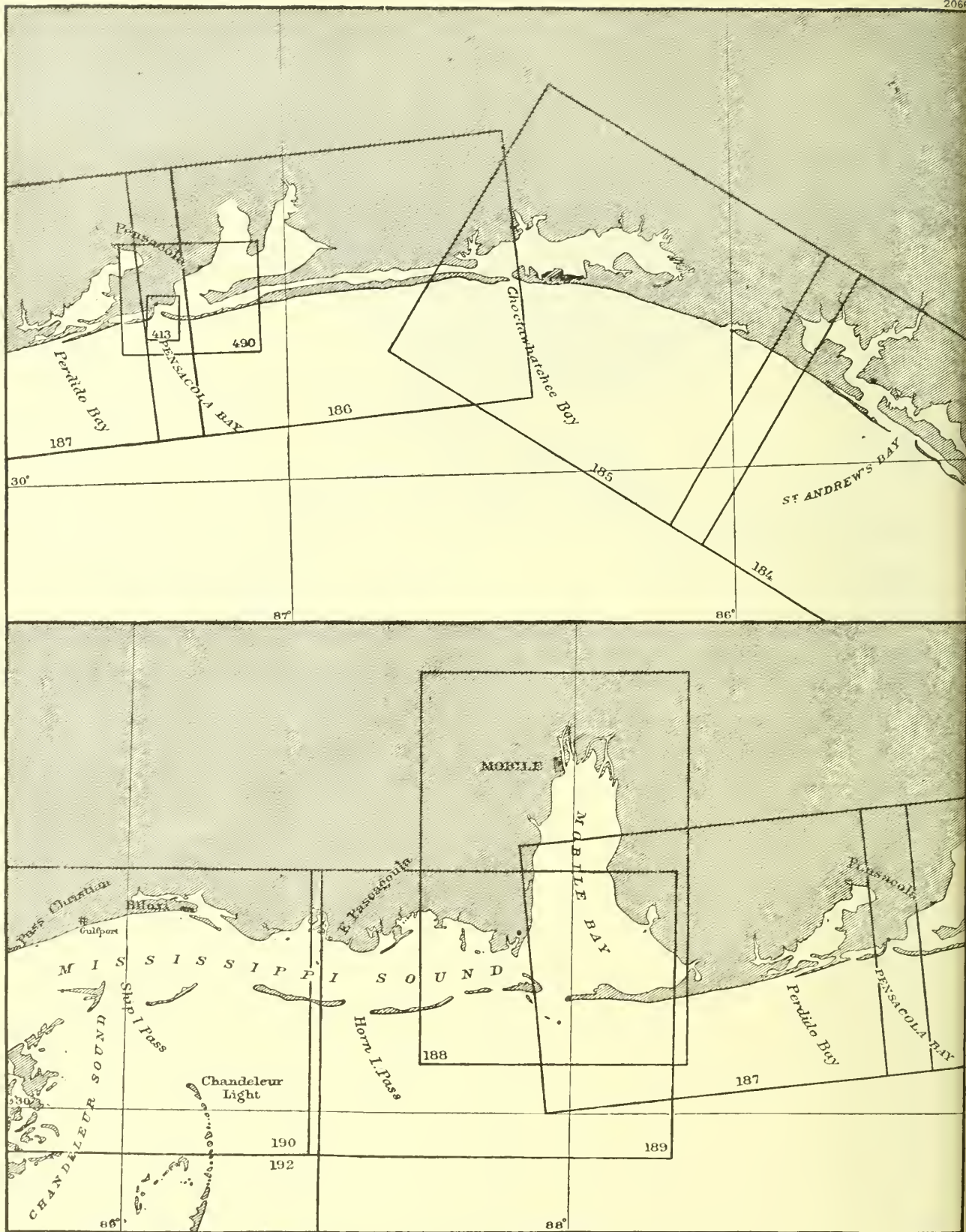




**GULF COAST—CONTINUED.**  
**GEOGRAPHIC ARRANGEMENT—CONTINUED.**

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|          |   |              | Average. | Inches to nautical miles. |                          |                       |        |
|          | COAST AND HARBOR CHARTS—Continued.      |              |          |                           |                          |                       |        |
| 182      | Apalachee Bay and St. George Sound..... | Florida..... | 1:80,000 | 0.91                      | 32 × 41                  | 1883                  | \$0.50 |
| 183      | Apalachicola Bay to Cape San Blas.....  | .....do..... | 1:80,000 | 0.91                      | 32 × 41                  | 1904                  | .50    |
| 184      | St. Josephs and St. Andrews Bays.....   | .....do..... | 1:80,000 | 0.91                      | 33 × 41                  | 1913                  | .50    |



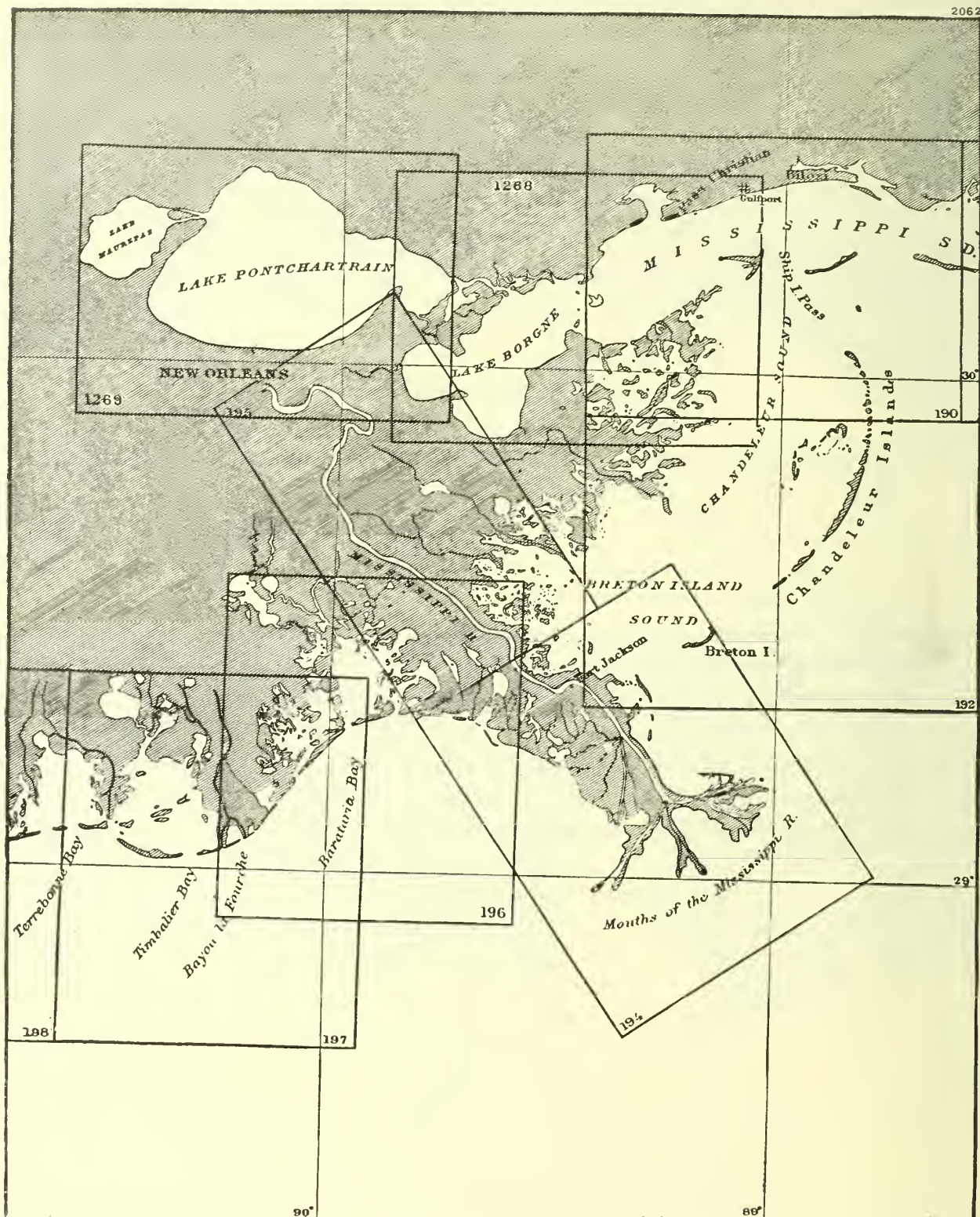




# GULF COAST—CONTINUED.

## GEOGRAPHIC ARRANGEMENT—CONTINUED.

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|----------|--|------------------------|----------|---------------------------|--------------------------|-----------------------|--------|
|          |  |                        | Average. | Inches to nautical miles. |                          |                       |        |
|          | COAST AND HARBOR CHARTS—Continued.                     |                        |          |                           |                          |                       |        |
| 185      | Choctawhatchee Bay . . . . .                           | Florida . . . . .      | 1:80,000 | 0.91                      | 33 × 41                  | 1886                  | \$0.50 |
| 186      | Choctawhatchee Inlet to Pensacola Entrance. . . . .    | do. . . . .            | 1:80,000 | .91                       | 30 × 41                  | 1901                  | .50    |
| 490      | Pensacola Bay . . . . .                                | do. . . . .            | 1:30,000 | 2.43                      | 33 × 41                  | 1914                  | .25    |
| 413      | Pensacola Bay Entrance . . . . .                       | do. . . . .            | 1:10,000 | 7.30                      | 27 × 36                  | 1915                  | .25    |
| 187      | Pensacola Bay to Mobile Bay . . . . .                  | Fla. and Ala. . . . .  | 1:80,000 | .91                       | 30 × 42                  | 1909                  | .50    |
| 188      | Mobile Bay and Entrance . . . . .                      | Alabama . . . . .      | 1:80,000 | .91                       | 28 × 38                  | 1909                  | .50    |
| 189      | Mobile Entrance and eastern part of Mississippi Sound. | Ala. and Miss. . . . . | 1:80,000 | .91                       | 32 × 41                  | 1918                  | .50    |

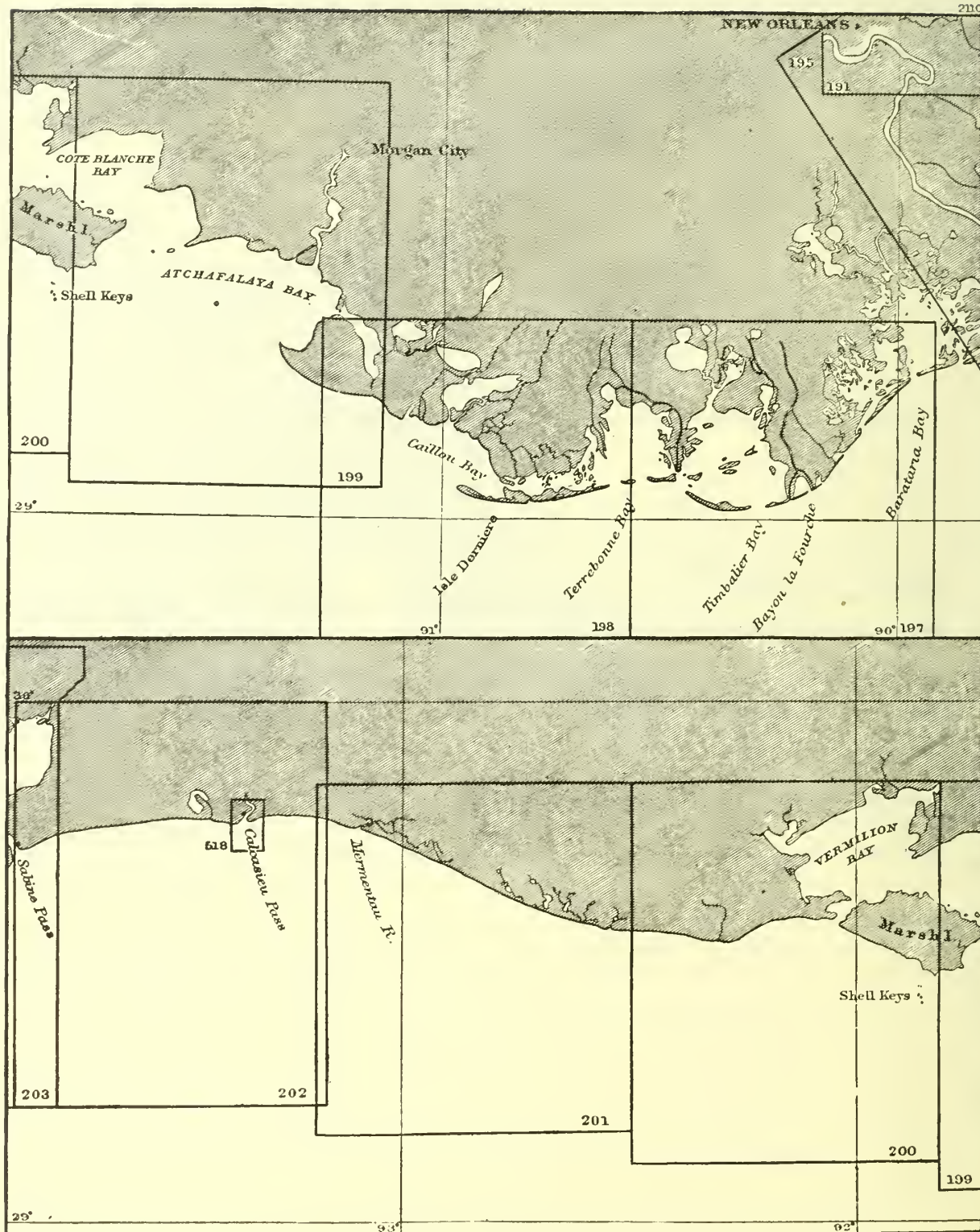


# GULF COAST—CONTINUED.

## GEOGRAPHIC ARRANGEMENT—CONTINUED.

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|          |   |                  | Average. | Inches to nautical miles. |                          |                       |        |
|          | COAST AND HARBOR CHARTS—Continued.                          |                  |          |                           |                          |                       |        |
| 190      | Round Island to Grand Island.....                           | Miss. and La.... | 1:80,000 | 0.91                      | 31 × 41                  | 1908                  | \$0.50 |
| 1268     | Lake Borgne and approaches, Cat Island to Point Aux Herbes. | .....do.....     | 1:80,000 | .91                       | 30 × 40                  | 1919                  | .50    |
| 192      | Chandeleur and Breton Island Sounds.....                    | Louisiana.....   | 1:80,000 | .91                       | 32 × 42                  | 1899                  | .50    |
| 1269     | Lakes Pontchartrain and Maurepas.....                       | .....do.....     | 1:80,000 | .91                       | 30 × 42                  | 1919                  | .50    |
| 194      | Mississippi River, from the Passes to Grand Prairie.        | .....do.....     | 1:80,000 | .91                       | 32 × 41                  | 1918                  | .50    |
| 195      | Mississippi River, Grand Prairie to New Orleans.            | .....do.....     | 1:80,000 | .91                       | 24 × 41                  | 1884                  | .50    |
| 196      | Barataria Bay and approaches.....                           | .....do.....     | 1:80,000 | .91                       | 32 × 38                  | 1908                  | .50    |

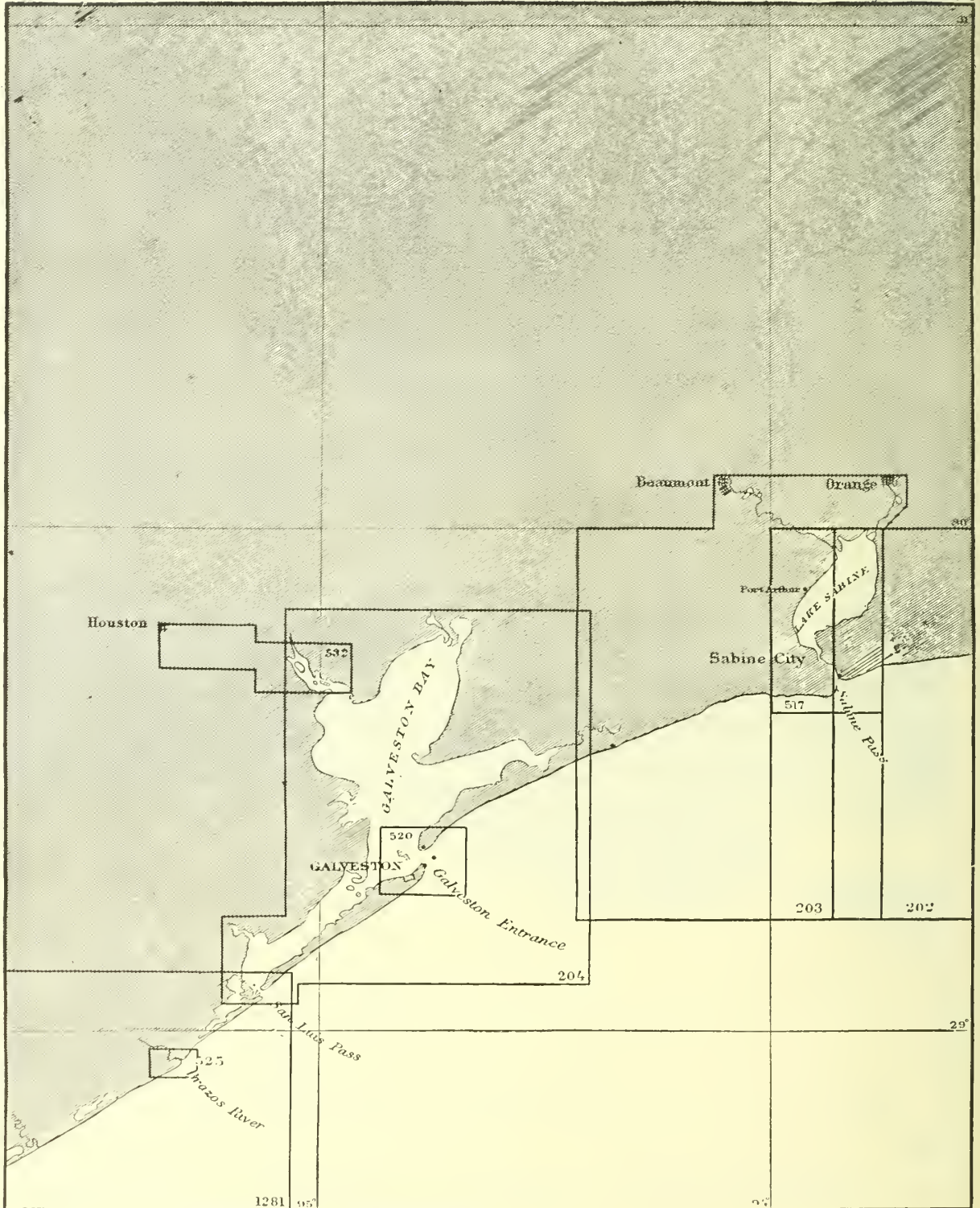




**GULF COAST—CONTINUED.**  
**GEOGRAPHIC ARRANGEMENT—CONTINUED.**

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|          |  |                | Average. | Inches to nautical miles. |                          |                       |        |
|          | COAST AND HARBOR CHARTS—Continued.               |                |          |                           |                          |                       |        |
| 197      | Barataria Bay to Terrebonne Bay.....             | Louisiana..... | 1:80,000 | 0.91                      | 33 × 41                  | 1908                  | \$0.50 |
| 198      | Caillou Bay and Ship Shoal.....                  | do.....        | 1:80,000 | .91                       | 32 × 41                  | 1911                  | .50    |
| 199      | Point au Fer to Marsh Island.....                | do.....        | 1:80,000 | .91                       | 34 × 43                  | 1911                  | .50    |
| 200      | Vermilion Bay to Pecan Island.....               | do.....        | 1:80,000 | .91                       | 33 × 41                  | 1897                  | .50    |
| 201      | West End of Pecan Island to the Mermentau River. | do.....        | 1:80,000 | .91                       | 33 × 38                  | 1894                  | .50    |
| 202      | Calcasieu Pass to Sabine Light.....              | do.....        | 1:80,000 | .91                       | 33 × 43                  | 1916                  | .50    |
| 518      | Calcasieu Pass.....                              | do.....        | 1:20,000 | 3.65                      | 14 × 21                  | 1906                  | .20    |



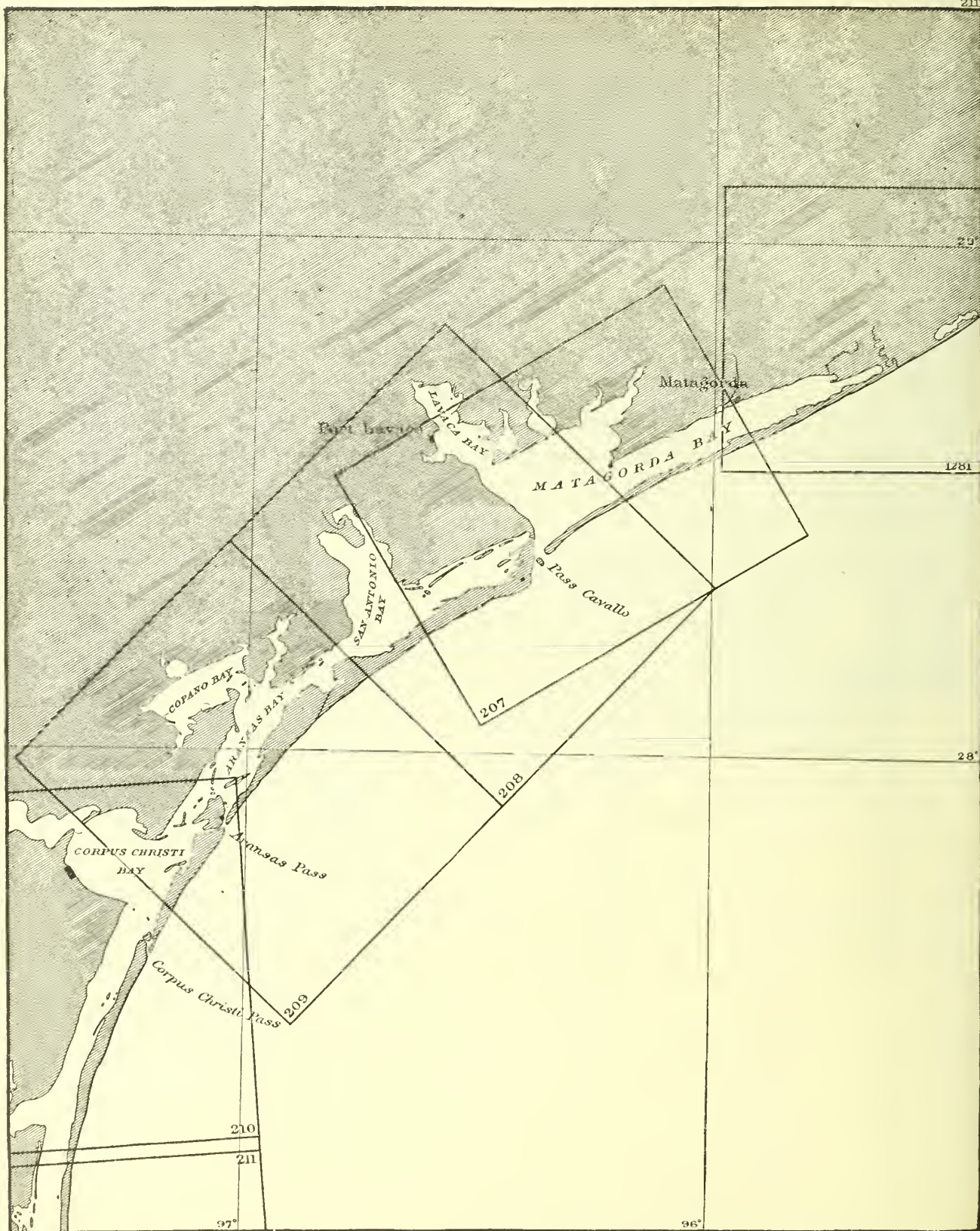




# GULF COAST—CONTINUED.

## GEOGRAPHIC ARRANGEMENT—CONTINUED.

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|             |                                     |            | Average. | Inches to nautical miles. |                          |                       |        |
|             | COAST AND HARBOR CHARTS—Continued.  |            |          |                           |                          |                       |        |
| <b>203</b>  | Sabine Pass to High Island.....     | Texas..... | 1:80,000 | 0.91                      | 32 × 42                  | 1917                  | \$0.50 |
| 517         | Sabine Pass and Lake.....           | do.....    | 1:40,000 | 1.82                      | 25 × 41                  | 1916                  | .50    |
| <b>204</b>  | Galveston Bay.....                  | do.....    | 1:80,000 | .91                       | 33 × 41                  | 1919                  | .50    |
| 520         | Galveston Entrance.....             | do.....    | 1:40,000 | 1.82                      | 16 × 22                  | 1919                  | .15    |
| 532         | Houston Ship Channel.....           | do.....    | 1:25,000 | 3.04                      | 29 × 34                  | 1915                  | .50    |
| 525         | Brazos River Entrance.....          | do.....    | 1:10,000 | 7.30                      | 29 × 39                  | 1917                  | .50    |
| <b>1281</b> | San Luis Pass to Matagorda Bay..... | do.....    | 1:80,000 | .91                       | 32 × 46                  | 1917                  | .50    |

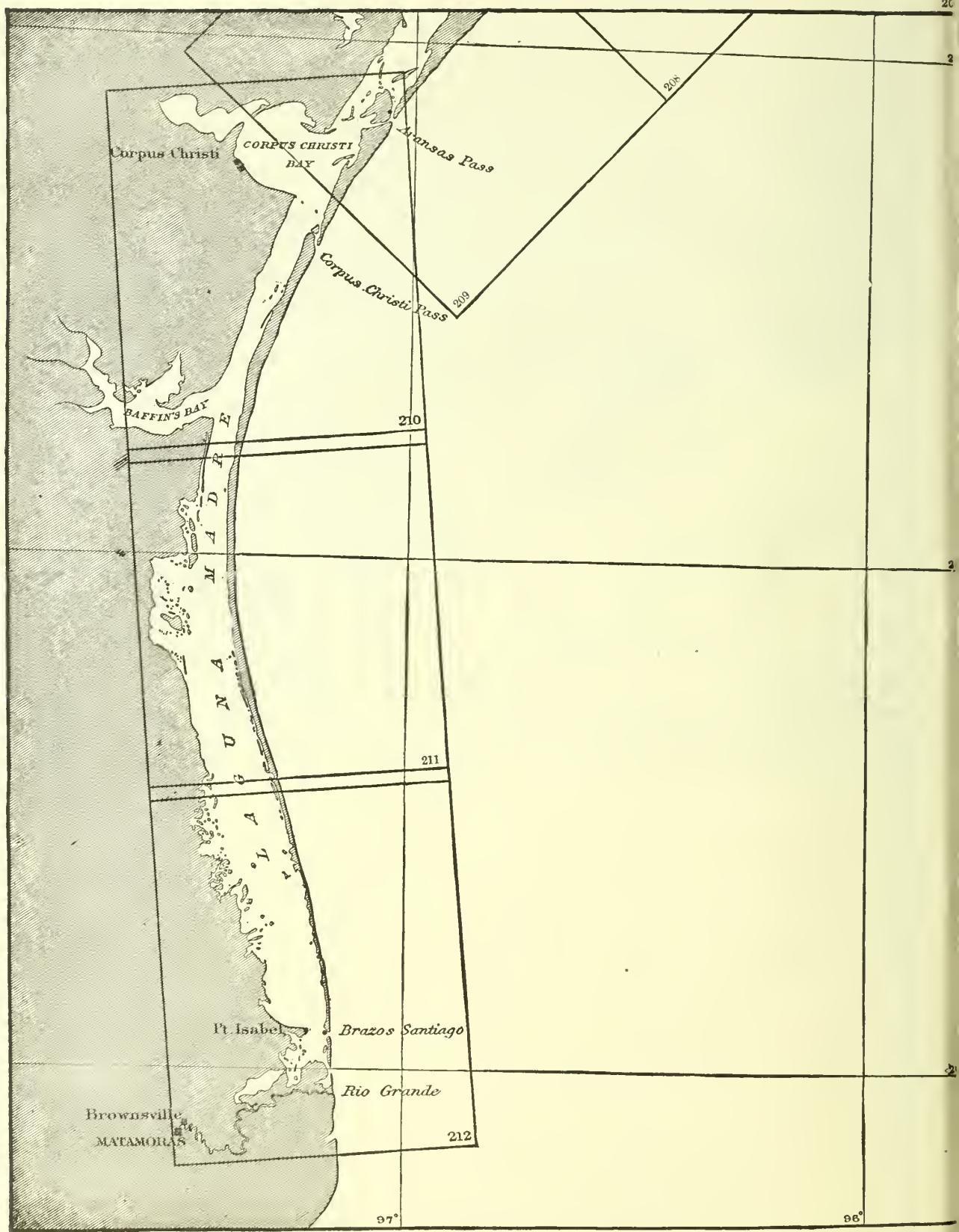


# GULF COAST—CONTINUED.

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|------------|---|--------------|----------|---------------------------|--------------------------|-----------------------|--------|
|            |   |              | Average. | Inches to nautical miles. |                          |                       |        |
|            | COAST AND HARBOR CHARTS—Continued.              |              |          |                           |                          |                       |        |
| <b>207</b> | Matagorda Bay .....                             | Texas.....   | 1:80,000 | 0.91                      | 32 × 40                  | 1909                  | \$0.50 |
| <b>208</b> | Pass Cavallo, Lavaca, and San Antonio Bays..... | .....do..... | 1:80,000 | 0.91                      | 33 × 41                  | 1888                  | .50    |
| <b>209</b> | Aransas Pass, Aransas and Copano Bays.....      | .....do..... | 1:80,000 | 0.91                      | 33 × 41                  | 1900                  | .50    |

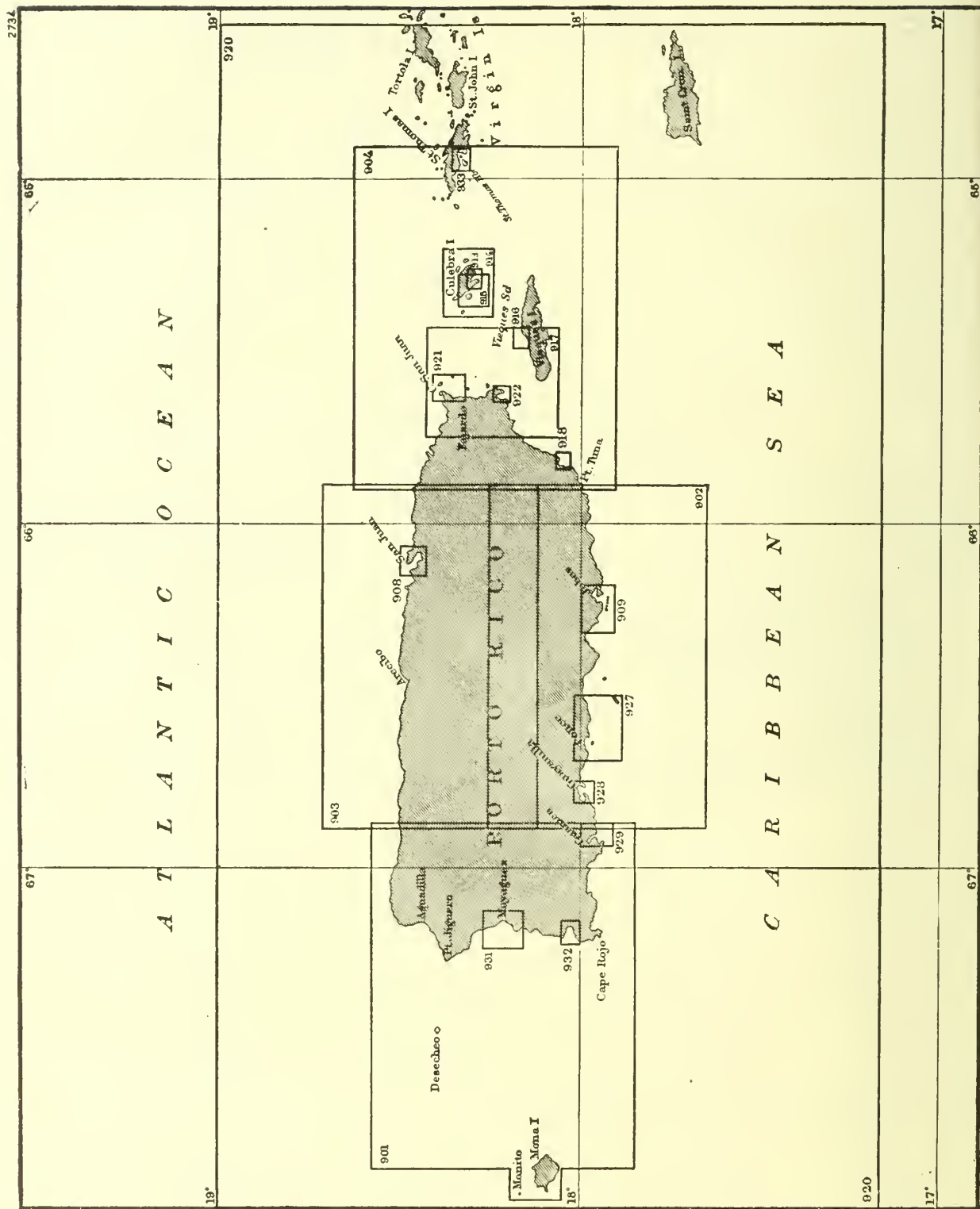




# GULF COAST—CONTINUED.

## GEOGRAPHIC ARRANGEMENT—CONTINUED.

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|------------|---|--------------|----------|---------------------------------|-----------------------------------|-----------------------------|--------|
|            |   |              | Average. | Inches to<br>nautical<br>miles. |                                   |                             |        |
|            | COAST AND HARBOR CHARTS—Continued.  |              |          |                                 |                                   |                             |        |
| <b>210</b> | Aransas Pass and Corpus Christi Bay, with<br>the coast to Latitude 27° 12'. | Texas.....   | 1:80,000 | 0.91                            | 33 × 41                           | 1913                        | \$0.50 |
| <b>211</b> | Padre Island, Latitude 27° 12' to Latitude<br>26° 33'.                      | .....do..... | 1:80,000 | 0.91                            | 33 × 41                           | 1913                        | .50    |
| <b>212</b> | Latitude 26° 33' to the Rio Grande.....                                     | .....do..... | 1:80,000 | 0.91                            | 33 × 41                           | 1919                        | .50    |



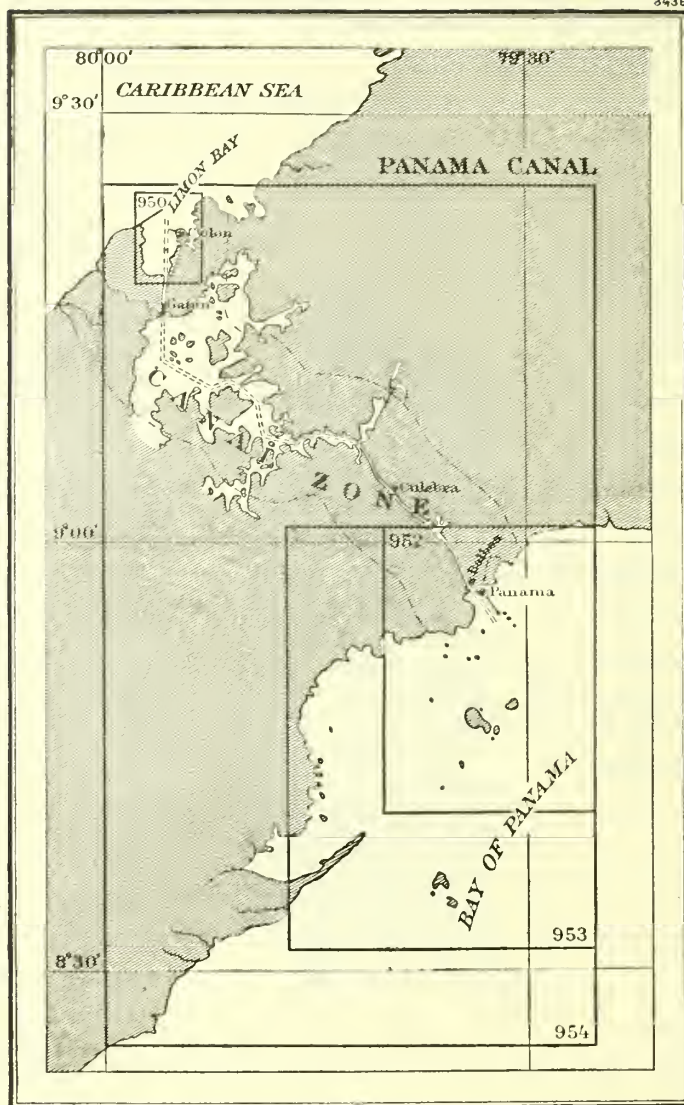


# CHARTS OF THE WEST INDIES.

## GEOGRAPHIC ARRANGEMENT.

| Cat. No. | TITLE.  | Average.  | Inches to degree of mid-latitude. | Size of border (inches). | Date of last edition. | Price. |
|----------|---|-----------|-----------------------------------|--------------------------|-----------------------|--------|
|          | GENERAL CHART OF THE COAST.                     |           |                                   |                          |                       |        |
| 920      | Porto Rico and Virgin Islands, West Indies..... | 1:325,000 | 13. 5                             | 26 × 47                  | 1917                  | \$0.50 |

| Cat. No. | TITLE.  | Island.         | SCALE.    |                           | Size of border (inches). | Date of last edition. | Price. |
|----------|---|-----------------|-----------|---------------------------|--------------------------|-----------------------|--------|
|          |   |                 | Average.  | Inches to nautical miles. |                          |                       |        |
|          | COAST AND HARBOR CHARTS.  |                 |           |                           |                          |                       |        |
| 901      | West Coast of Porto Rico.....   |                 | 1:100,000 | 0. 73                     | 33 × 43                  | 1910                  | \$0.50 |
| 902      | South Coast of Porto Rico.....  |                 | 1:100,000 | 0. 73                     | 31 × 43                  | 1908                  | . 50   |
| 903      | North Coast of Porto Rico.....  |                 | 1:100,000 | 0. 73                     | 31 × 42                  | 1909                  | . 50   |
|          | Porto Arecibo.....  |                 | 1:20,000  |                           |                          |                       |        |
| 904      | Virgin Passage and Vieques Sound.....                                   |                 | 1:100,000 | 0. 73                     | 32 × 42                  | 1917                  | . 50   |
| 908      | San Juan Harbor.....  | Porto Rico..... | 1:10,000  | 7. 30                     | 33 × 39                  | 1919                  | . 50   |
| 921      | Fajardo Harbor and approaches.....                                      | .....do.....    | 1:10,000  | 7. 30                     | 32 × 41                  | 1902                  | . 50   |
| 922      | Ensenada Honda.....   | .....do.....    | 1:10,000  | 7. 30                     | 24 × 25                  | 1903                  | . 25   |
| 916      | Port Mulas and approaches.....  | Vieques.....    | 1:10,000  | 7. 30                     | 23 × 26                  | 1903                  | . 25   |
| 917      | San Juan Passage to Port Humaca and western part of Vieques Island..... |                 | 1:40,000  | 1. 82                     | 33 × 41                  | 1911                  | . 50   |
| 914      | Culebra Island and approaches.....                                      |                 | 1:20,000  | 3. 65                     | 32 × 43                  | 1914                  | . 50   |
| 913      | Great Harbor.....   | Culebra.....    | 1:6,500   | 11. 23                    | 31 × 38                  | 1914                  | . 50   |
| 918      | Port Yabucoa.....   | Porto Rico..... | 1:10,000  | 7. 30                     | 19 × 20                  | 1910                  | . 25   |
| 909      | Jobos Harbor.....   | .....do.....    | 1:20,000  | 3. 65                     | 29 × 33                  | 1909                  | . 25   |
| 927      | Ponce Harbor and approaches.....  | .....do.....    | 1:20,000  | 3. 65                     | 32 × 39                  | 1908                  | . 50   |
| 928      | Guayanilla Harbor.....  | .....do.....    | 1:10,000  | 7. 30                     | 33 × 36                  | 1903                  | . 50   |
| 929      | Guanica Harbor.....   | .....do.....    | 1:10,000  | 7. 30                     | 30 × 36                  | 1903                  | . 50   |
| 932      | Boqueron Bay.....   | .....do.....    | 1:10,000  | 7. 30                     | 23 × 24                  | 1905                  | . 25   |
| 931      | Mayaguez Bay and approaches.....  | .....do.....    | 1:15,000  | 4. 86                     | 31 × 35                  | 1911                  | . 50   |
| 915      | Target Bay and vicinity.....  | Culebra.....    | 1:10,000  | 7. 30                     | 25 × 37                  | 1914                  | . 25   |
| 933      | Harbor of St. Thomas.....   | W. I.....       | 1:10,000  | 7. 30                     | 19 × 28                  | 1917                  | . 30   |

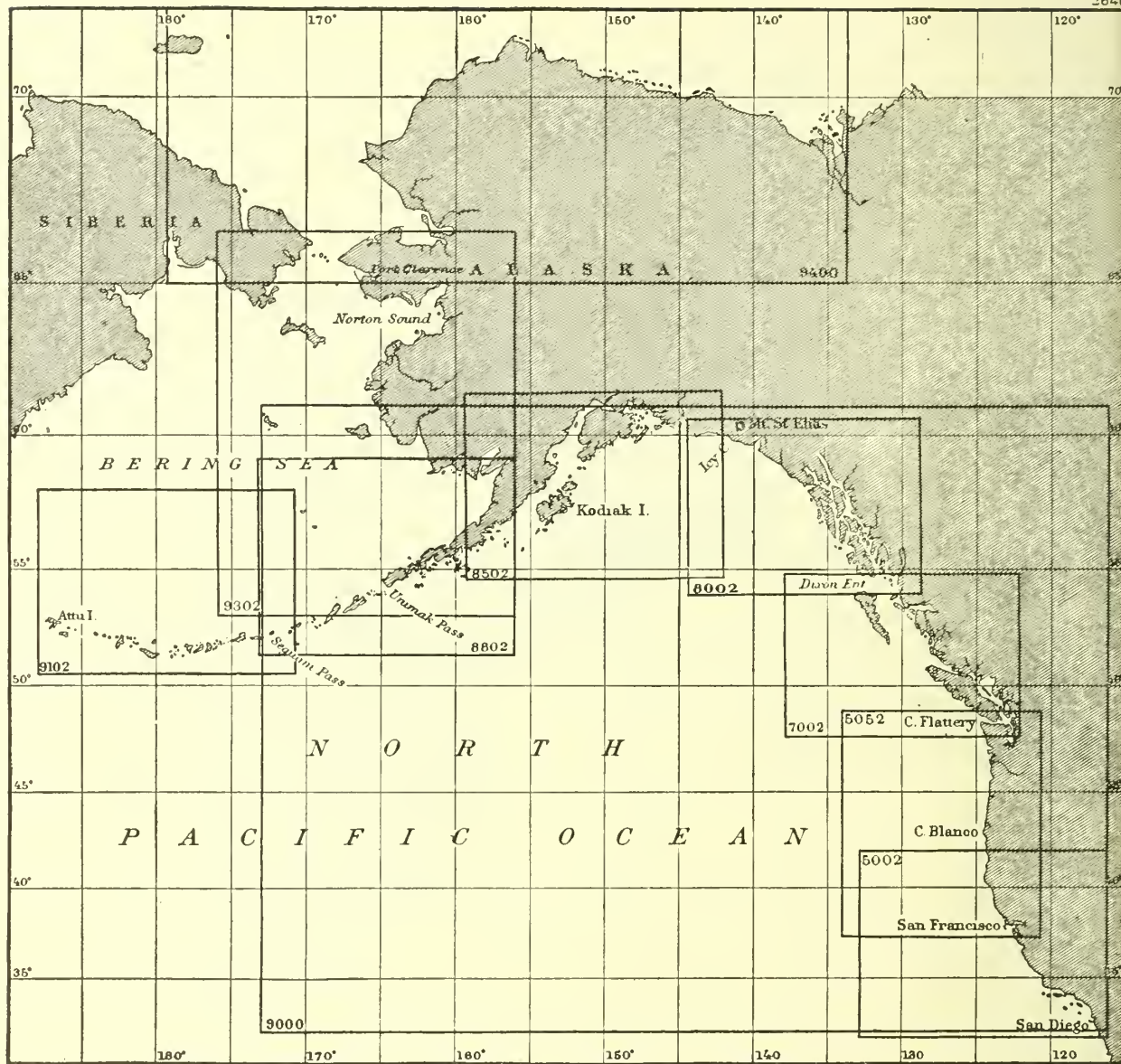


# PANAMA—CANAL ZONE.

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|          |  | Average.  | Inches to nautical miles. |                          |                       |         |
|          | COAST AND HARBOR CHARTS.                       |           |                           |                          |                       |         |
| 950      | Colon Harbor, Canal Zone.....                  | 1:15,000  | 4. 86                     | 28 × 35                  | 1915                  | \$0. 50 |
| 952      | Approaches to Panama Canal, Pacific Coast..... | 1:40,000  | 1. 82                     | 28 × 37                  | 1915                  | . 50    |
| 953      | Approaches to Panama Canal, Pacific Coast..... | 1:80,000  | 0. 91                     | 21 × 29                  | 1915                  | . 30    |
| 954      | Panama Canal and approaches.....               | 1:145,925 | 0. 50                     | 18 × 31                  | 1914                  | . 30    |



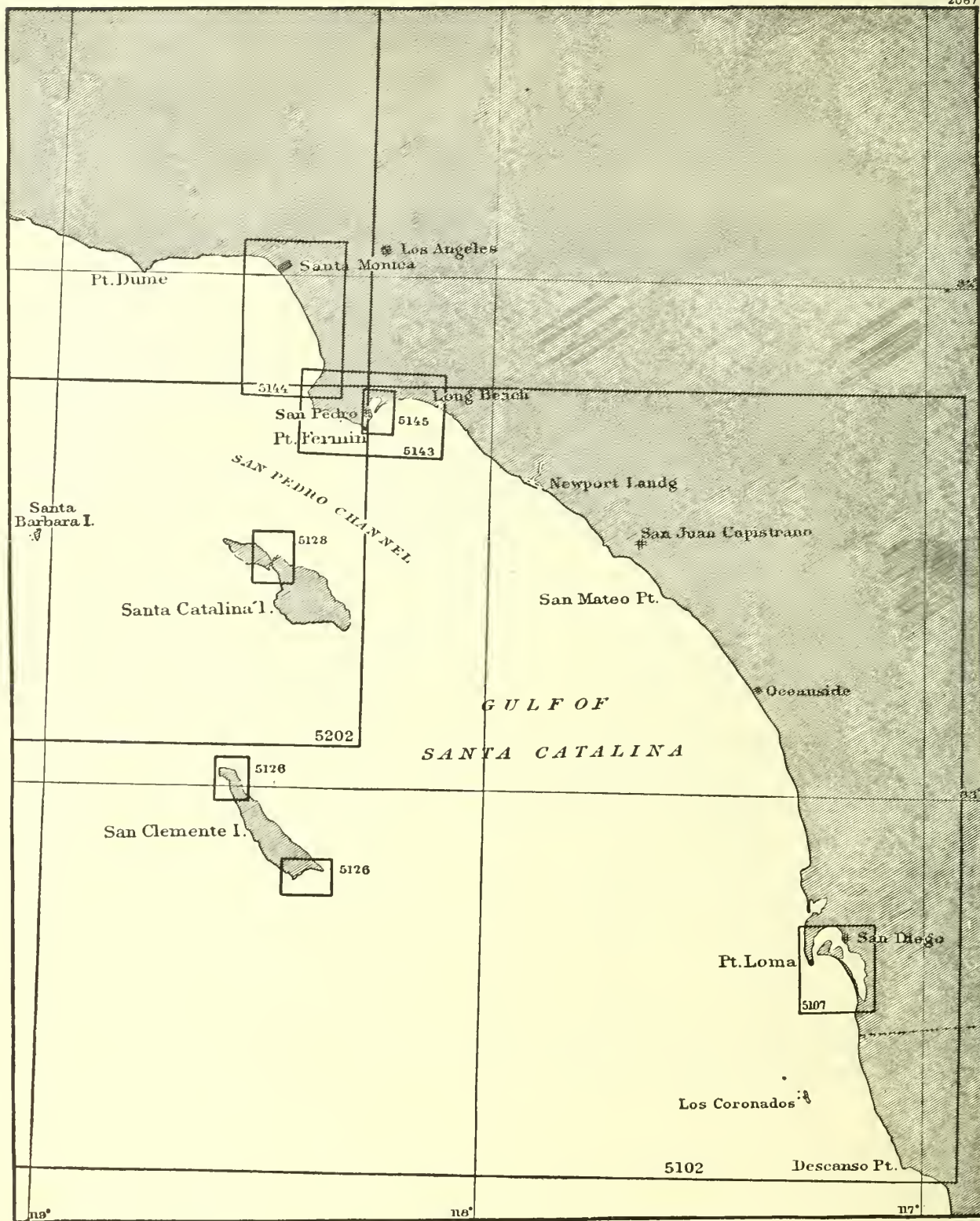


# CHARTS OF THE PACIFIC COAST.

## GEOGRAPHIC ARRANGEMENT.

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|          |   | Average.      | Inches to degree of mid-latitude. |                          |                       |         |
|          | SAILING CHARTS.   |               |                                   |                          |                       |         |
| 9000     | San Diego to Bering Sea.....                              | 1:4, 500, 000 | 0. 0162                           | 29 × 38                  | 1916                  | \$0. 50 |
| 5002     | San Diego to Point St. George.....                        | 1:1, 499, 000 | 3. 0                              | 32 × 41                  | 1914                  | . 50    |
| 5052     | San Francisco to Cape Flattery.....                       | 1:1, 301, 000 | 3. 3                              | 33 × 38                  | 1917                  | . 50    |
| 7002     | Cape Flattery to Dixon Entrance.....                      | 1:1, 198, 000 | 3. 8                              | 29 × 40                  | 1919                  | . 50    |
| 8002     | Dixon Entrance to Cape St. Elias.....                     | 1:1, 000, 000 | 4. 5                              | 31 × 40                  | 1919                  | . 50    |
| 8502     | Cape St. Elias to Shumagin Islands.....                   | 1:1, 000, 000 | 4. 5                              | 34 × 42                  | 1914                  | . 50    |
| 8802     | Alaska Peninsula and Aleutian Islands to Seguam Pass..... | 1:999, 000    | 4. 2                              | 34 × 42                  | 1917                  | . 50    |
| 9102     | Aleutian Islands, Amukta Island to Attu Island.....       | 1:999, 000    | 4. 2                              | 33 × 43                  | 1916                  | . 50    |
| 9302     | Bering Sea, eastern part.....                             | 1:1, 600, 000 | 2. 9                              | 30 × 38                  | 1916                  | . 50    |
|          | Port Clarence, scale 1:230, 000.....                      |               |                                   |                          |                       |         |
| 9400     | Arctic Coast of Alaska.....                               | 1:1, 600, 000 | 2. 7                              | 26 × 44                  | 1914                  | . 40    |







PACIFIC COAST—CONTINUED.

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|          |   |                 | Average.  | Inches to nautical miles. |                          |                       |        |
|          | <b>GENERAL CHARTS OF THE COAST AND HARBOR CHARTS.</b>     |                 |           |                           |                          |                       |        |
| 5102     | San Diego to Point Fermin.....                            | California..... | 1:200,000 | 0.36                      | 31 × 41                  | 1916                  | \$0.50 |
| 5107     | San Diego Bay.....  | do.....         | 1:20,000  | 3.65                      | 30 × 38                  | 1919                  | .50    |
|          | Entrance.....   |                 | 1:20,000  | 3.65                      |                          |                       |        |
| 5126     | Harbor Charts, Santa Barbara Islands.....                 | California..... |           |                           | 28 × 31                  | 1896                  | .25    |
|          | SE. Anchorage, San Clemente Island.....                   |                 | 1:30,000  | 2.43                      |                          |                       |        |
|          | NW. Harbor, San Clemente Island.....                      |                 | 1:20,000  | 3.65                      |                          |                       |        |
|          | Anacapa Island and eastern part of Santa Cruz Island..... |                 | 1:30,000  | 2.43                      |                          |                       |        |
|          | Prisoners Harbor, Santa Cruz Island.....                  |                 | 1:20,000  | 3.65                      |                          |                       |        |
|          | Cuylers Harbor, San Miguel Island.....                    |                 | 1:20,000  | 3.65                      |                          |                       |        |
| 5128     | Catalina Harbor and Isthmus Cove.....                     | California..... | 1:10,000  | 7.30                      | 25 × 29                  | 1891                  | .20    |
| 5143     | Los Angeles Harbor and vicinity.....                      | do.....         | 1:40,000  | 1.82                      | 24 × 31                  | 1914                  | .25    |
| 5144     | Santa Monica Bay.....                                     | do.....         | 1:40,000  | 1.82                      | 22 × 34                  | 1911                  | .25    |
| 5145     | Los Angeles Harbor.....                                   | do.....         | 1:10,000  | 7.30                      | 27 × 37                  | 1916                  | .25    |

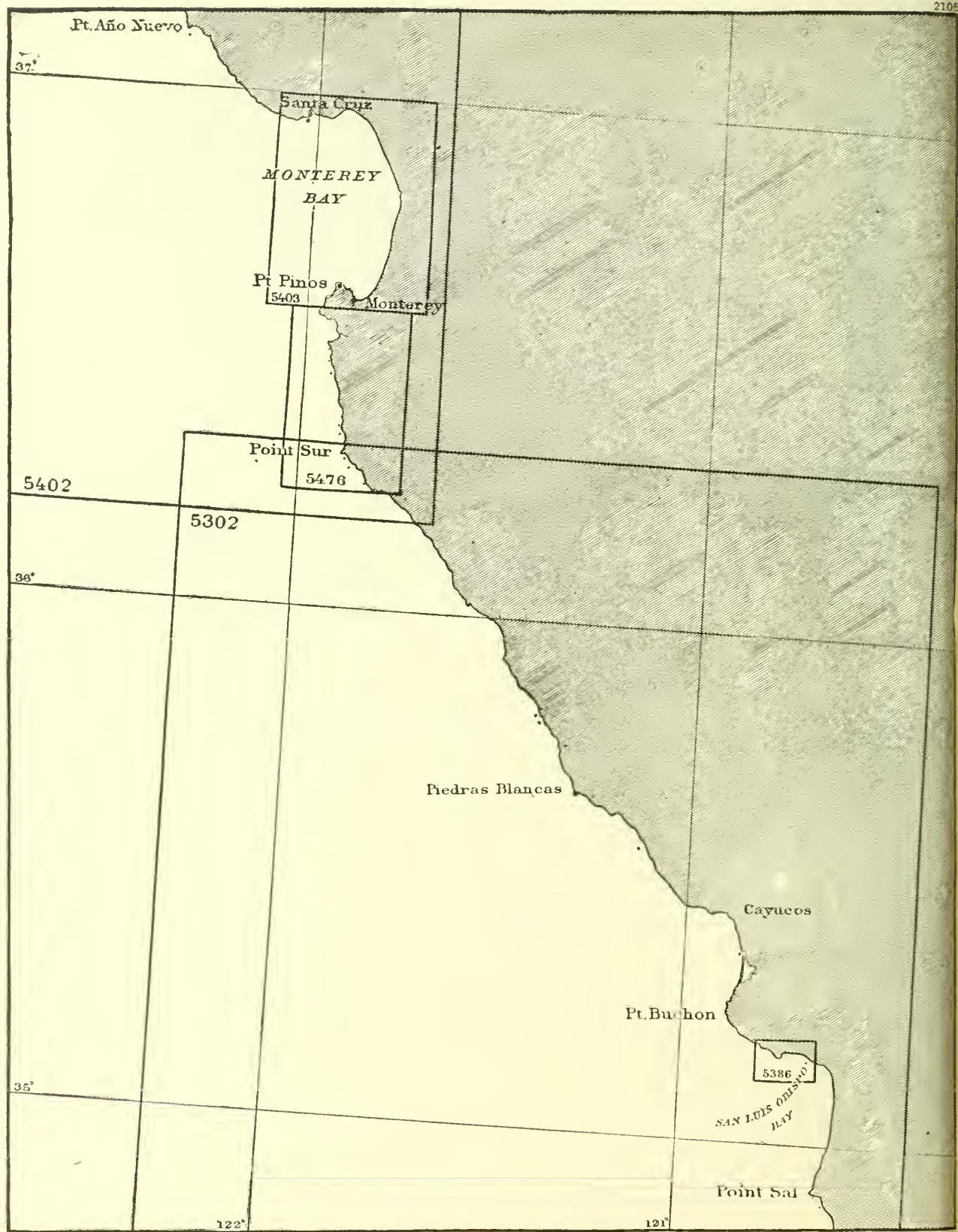


# PACIFIC COAST—CONTINUED.

## GEOGRAPHIC ARRANGEMENT—CONTINUED.

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|          | GENERAL CHARTS OF THE COAST AND HAR-<br>BOR CHARTS—Continued. |                  |           |                                 |                                   |                             |        |
| 5261     | Santa Barbara. ....   | California. .... | 1:20,000  | 3.65                            | 20 × 27                           | 1898                        | \$0.25 |
| 5202     | Point Fermin to Point Conception. ....                        | .....do.....     | 1:200,000 | .36                             | 31 × 44                           | 1915                        | .50    |

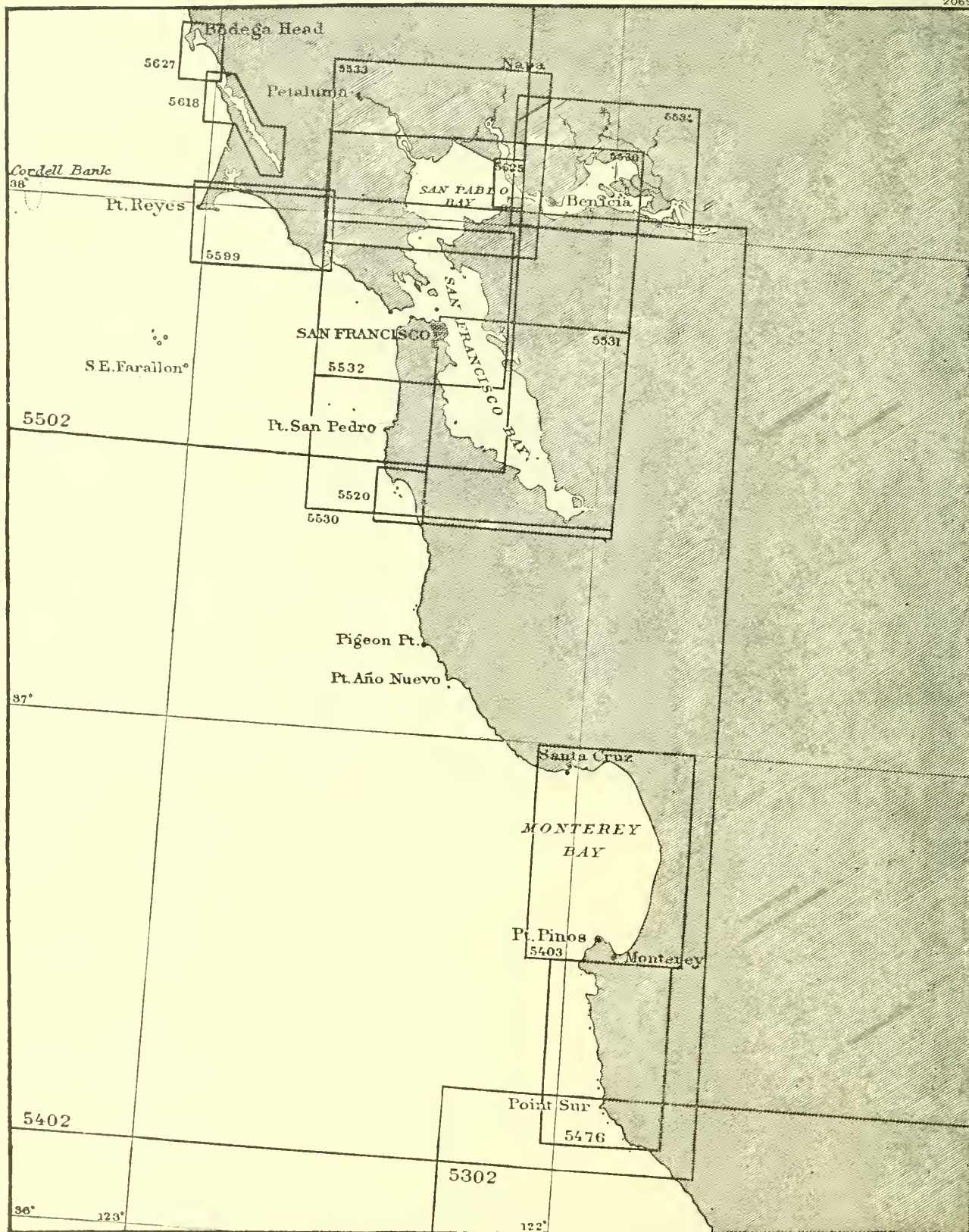




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|          |  |                  | Average.  | Inches to nautical miles. |                          |                       |        |
|          | GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued. |                  |           |                           |                          |                       |        |
| 5386     | San Luis Obispo Bay and approaches. ....                 | California. .... | 1:20,000  | 3.65                      | 17 × 26                  | 1912                  | \$0.20 |
| 5302     | Point Conception to Point Sur. ....                      | do. ....         | 1:216,000 | .34                       | 31 × 44                  | 1914                  | .50    |
| 5476     | Pfeiffer Point to Cypress Point. ....                    | do. ....         | 1:40,000  | 1.82                      | 26 × 42                  | 1910                  | .50    |
| 5403     | Monterey Bay. ....                                       | do. ....         | 1:50,000  | 1.46                      | 29 × 38                  | 1911                  | .50    |



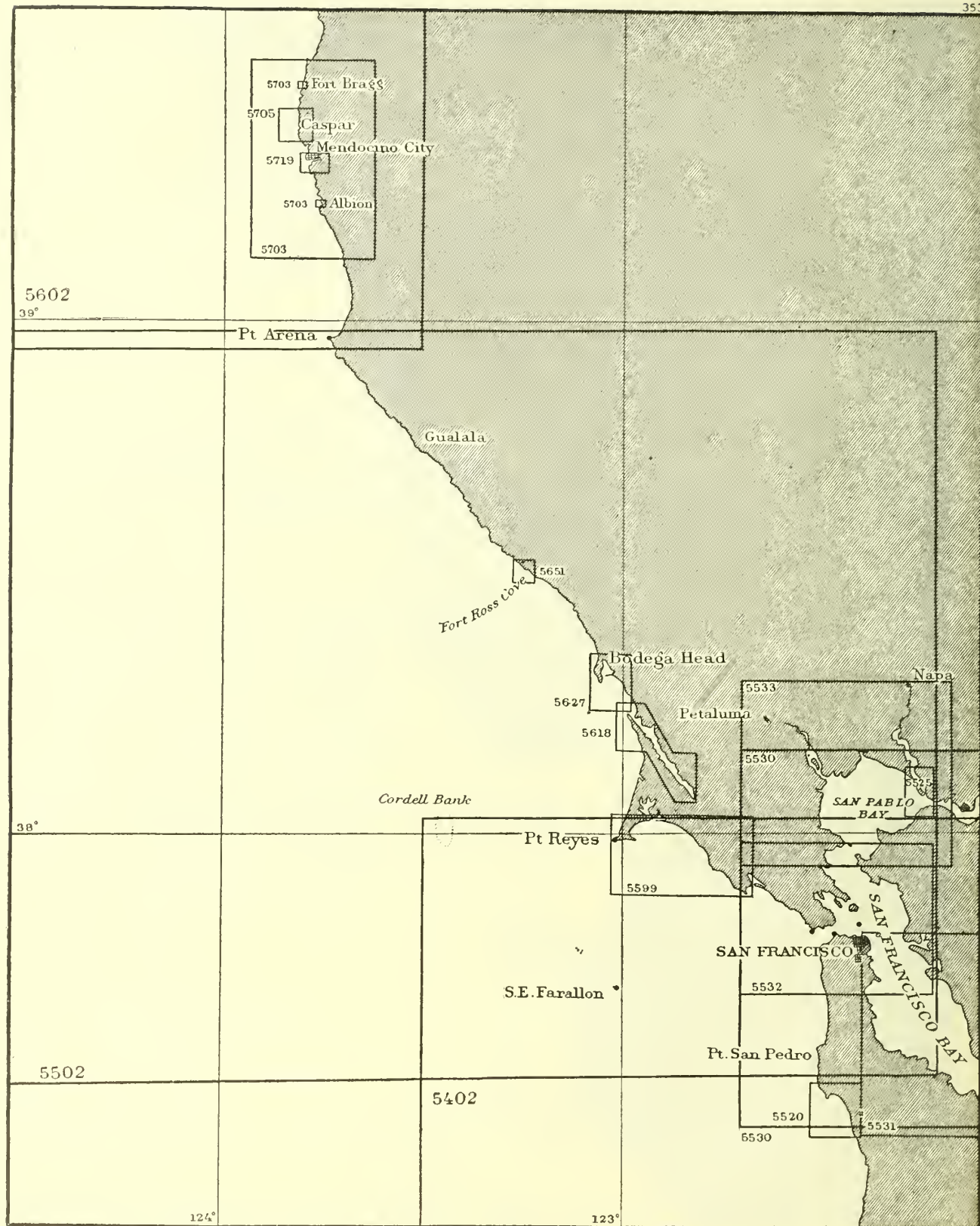




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|          |  |                 | Average.  | Inches to nautical miles. |                          |                       |        |
|          | GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued. |                 |           |                           |                          |                       |        |
| 5520     | Half Moon Bay.....                                       | California..... | 1:20,000  | 3.65                      | 18 × 20                  | 1879                  | \$0.15 |
| 5530     | San Francisco Bay.....                                   | .....do.....    | 1:80,000  | .91                       | 34 × 41                  | 1918                  | .50    |
| 5531     | San Francisco Bay, southern part.....                    | .....do.....    | 1:50,000  | 1.46                      | 33 × 36                  | 1917                  | .50    |
| 5532     | San Francisco Entrance.....                              | .....do.....    | 1:40,000  | 1.82                      | 34 × 42                  | 1919                  | .50    |
| 5533     | San Pablo Bay.....                                       | .....do.....    | 1:40,000  | 1.82                      | 33 × 41                  | 1915                  | .50    |
| 5534     | Suisun Bay.....  | .....do.....    | 1:40,000  | 1.82                      | 29 × 41                  | 1917                  | .50    |
| 5525     | Mare Island Strait.....                                  | .....do.....    | 1:10,000  | 7.30                      | 23 × 35                  | 1916                  | .20    |
| 5599     | Drakes Bay.....  | .....do.....    | 1:40,000  | 1.82                      | 19 × 30                  | 1883                  | .20    |
| 5402     | Point Sur to San Francisco.....                          | .....do.....    | 1:200,000 | .36                       | 32 × 40                  | 1915                  | .50    |

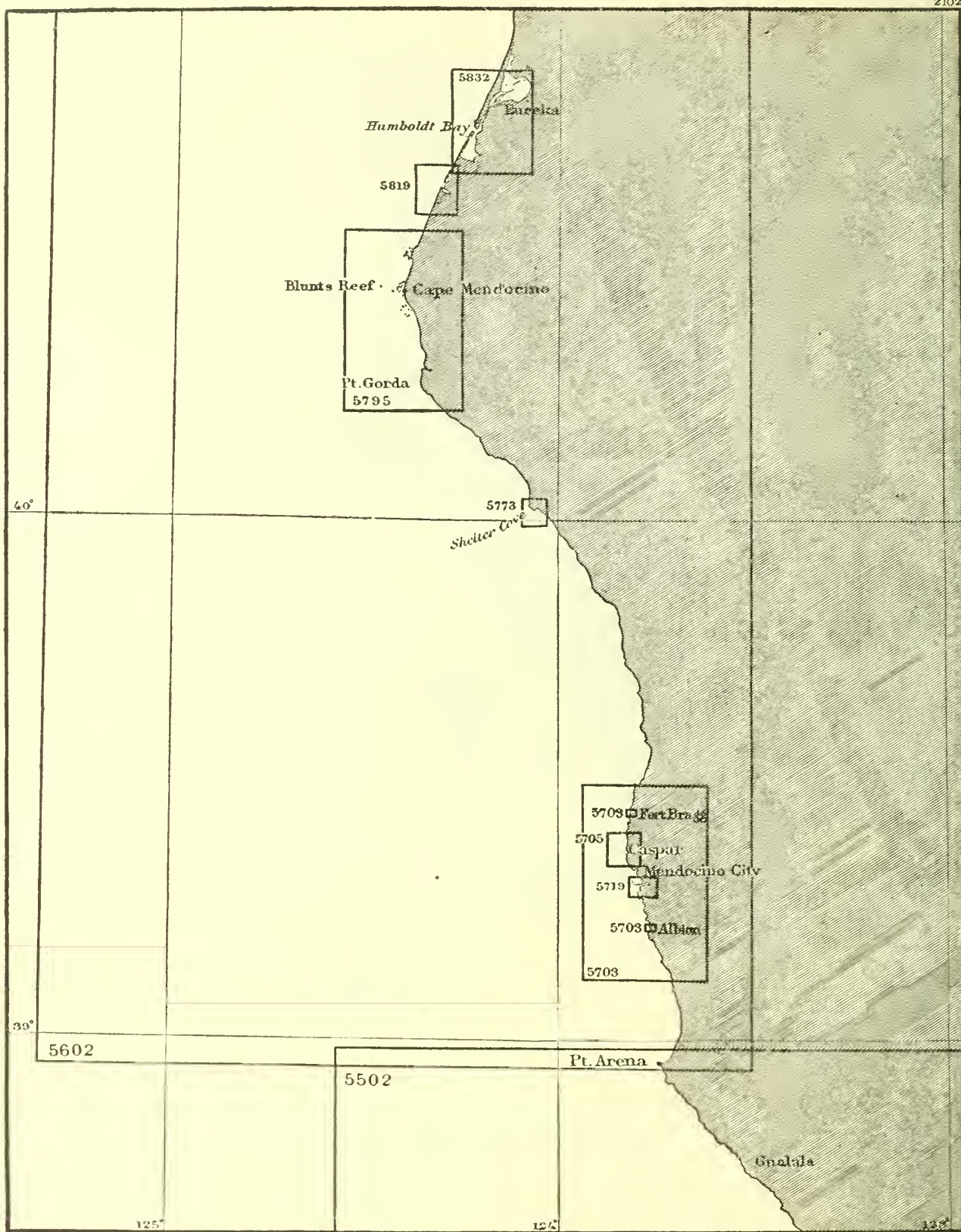


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|          | GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued. |                 |           |                           |                          |                       |        |
| 5502     | San Francisco to Point Arena.....                        | Calitornia..... | 1:200,000 | 0.36                      | 32 × 40                  | 1912                  | \$0.50 |
| 5618     | Tomaes Bay .....   | .....do.....    | 1:30,000  | 2.43                      | 15 × 24                  | 1878                  | .25    |
| 5627     | Bodega Bay.....  | .....do.....    | 1:30,000  | 2.43                      | 13 × 17                  | 1864                  | .20    |
| 5651     | Fort Ross Cove.....                                      | .....do.....    | 1:5,000   | 12.16                     | 10 × 15                  | 1905                  | .20    |

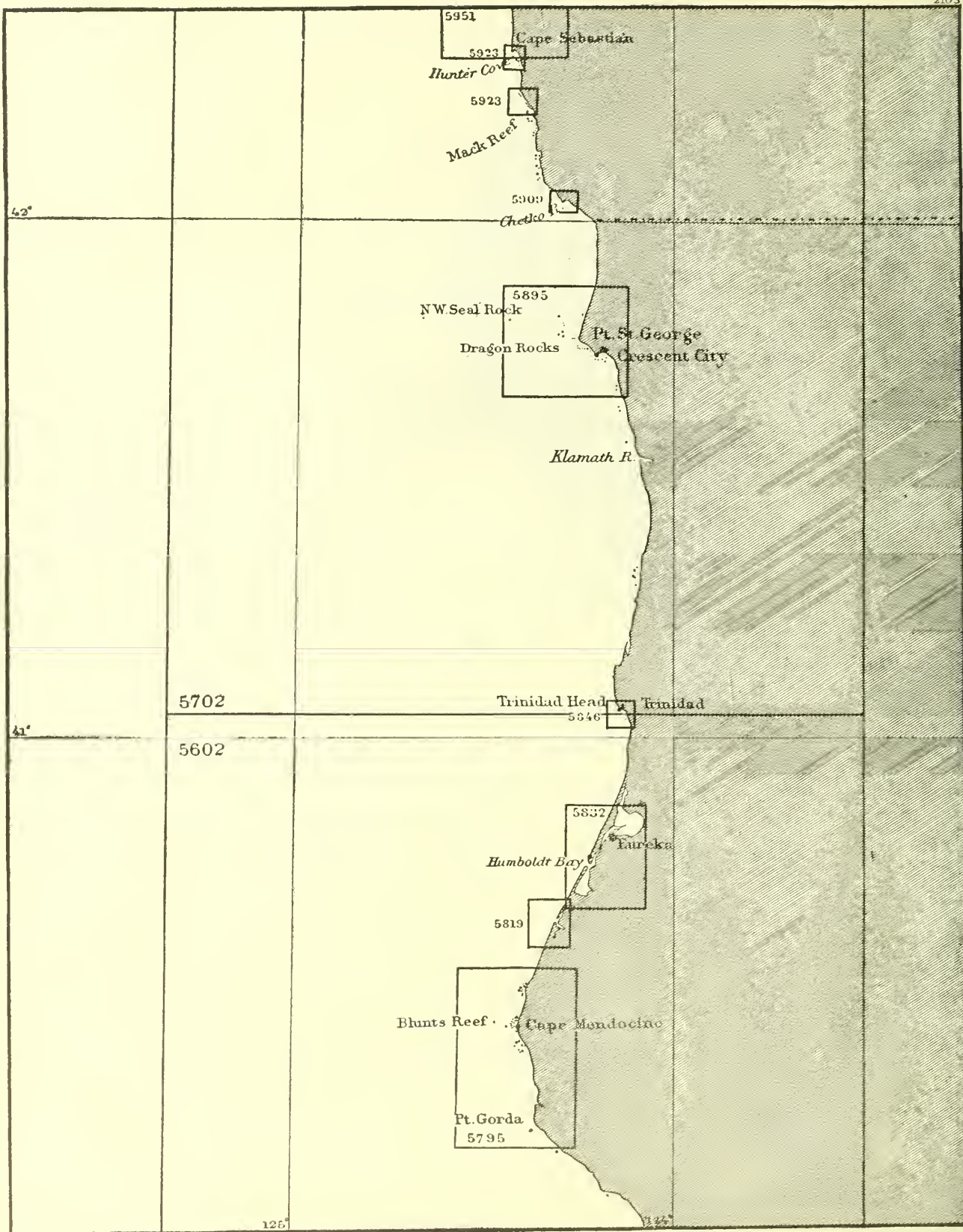




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|          | GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued. |                      |           |                          |                          |                       |        |
| 5602     | Point Arena to Trinidad Head . . . . .                   | California . . . . . | 1:200,000 | 0.36                     | 32 × 46                  | 1915                  | \$0.50 |
| 5719     | Mendocino Bay . . . . .                                  | do . . . . .         | 1:10,000  | 7.30                     | 15 × 19                  | 1912                  | .20    |
| 5703     | Greenwood to Fort Bragg . . . . .                        | do . . . . .         | 1:40,000  | 1.82                     | 27 × 43                  | 1911                  | .50    |
|          | Fort Bragg Landing . . . . .                             |                      | 1:10,000  | 7.30                     |                          |                       |        |
|          | Approaches to Albion . . . . .                           |                      | 1:10,000  | 7.30                     |                          |                       |        |
| 5705     | Caspar Anchorage and approaches . . . . .                | California . . . . . | 1:10,000  | 7.30                     | 30 × 31                  | 1912                  | .50    |
| 5773     | Shelter Cove . . . . .                                   | do . . . . .         | 1:15,000  | 4.86                     | 12 × 14                  | 1913                  | .20    |
| 5795     | Cape Mendocino and vicinity . . . . .                    | do . . . . .         | 1:40,000  | 1.82                     | 25 × 38                  | 1896                  | .40    |

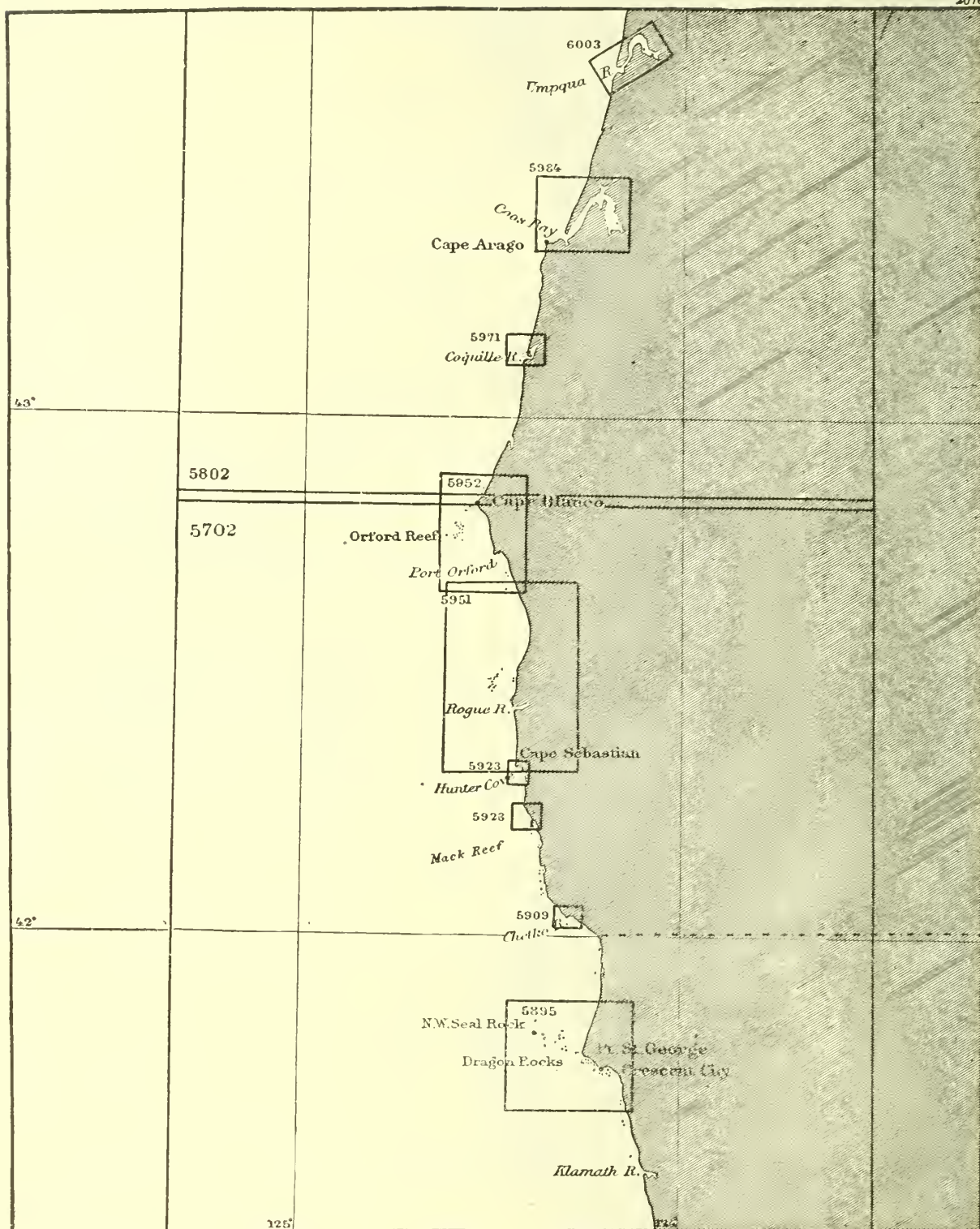






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|          | GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued. |                 |           |                           |                          |                       |        |
| 5819     | Entrance to Eel River.....                               | California..... | 1:20,000  | 3.65                      | 18 × 21                  | 1899                  | \$0.25 |
| 5832     | Humboldt Bay.....  | do.....         | 1:30,000  | 2.43                      | 25 × 30                  | 1917                  | .50    |
| 5846     | Trinidad Harbor.....                                     | do.....         | 1:15,000  | 5.48                      | 14 × 18                  | 1874                  | .20    |
| 5895     | St. George Reef and Crescent City.....                   | do.....         | 1:40,000  | 1.82                      | 21 × 25                  | 1916                  | .20    |
| 5702     | Trinidad Head to Cape Blanco.....                        | do.....         | 1:200,000 | .36                       | 31 × 41                  | 1915                  | .50    |

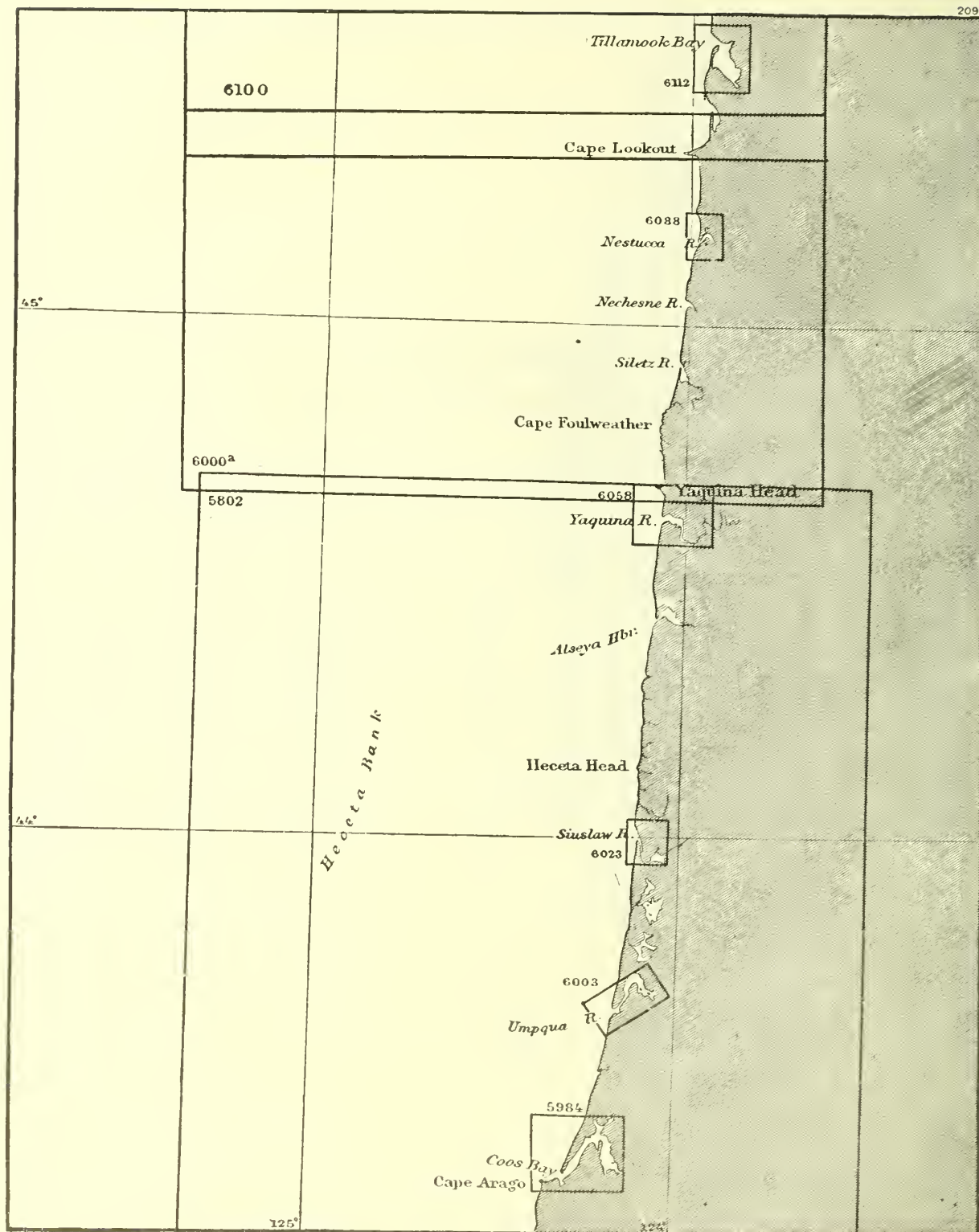


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|          | GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued. |             |           |                           |                          |                       |        |
| 5802     | Cape Blanco to Yaquina Head.....                         | Oregon..... | 1:200,000 | 0.36                      | 32 × 43                  | 1917                  | \$0.50 |
| 5909     | Chetko Cove.....   | do.....     | 1:10,000  | 7.30                      | 17 × 20                  | 1912                  | .20    |
| 5923     | Hunter Cove and Mack Reef.....                           | do.....     | 1:10,000  | 7.30                      | 24 × 26                  | 1893                  | .25    |
| 5951     | Cape Sebastian and Humbug Mountain.....                  | do.....     | 1:40,000  | 1.82                      | 28 × 40                  | 1893                  | .25    |
| 5952     | Cape Blanco and Reef.....                                | do.....     | 1:40,000  | 1.82                      | 21 × 26                  | 1891                  | .20    |
| 5971     | Coquille River entrance.....                             | do.....     | 1:10,000  | 7.30                      | 19 × 33                  | 1919                  | .25    |
| 5984     | Coos Bay.....  | do.....     | 1:20,000  | 3.65                      | 30 × 38                  | 1918                  | .25    |

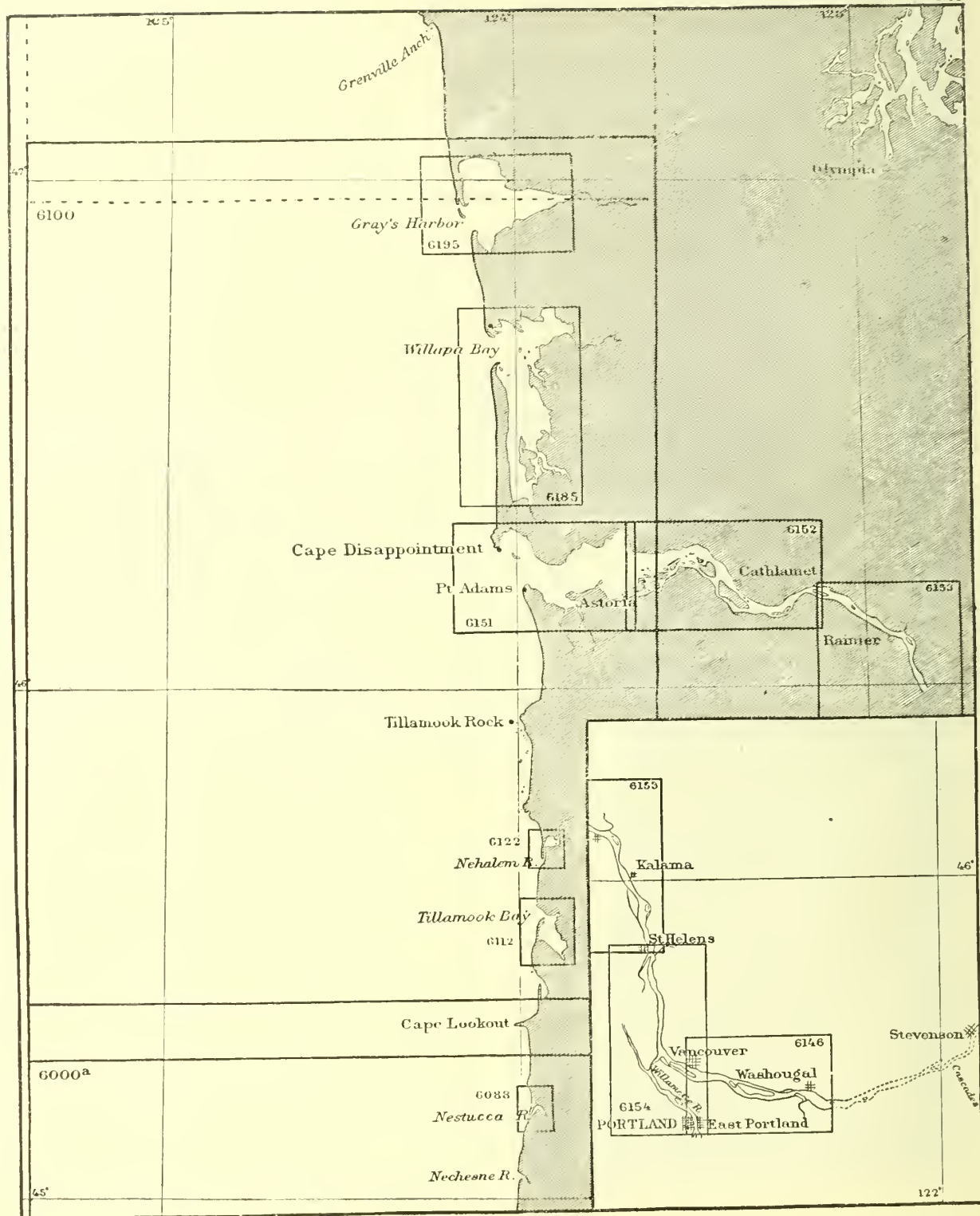




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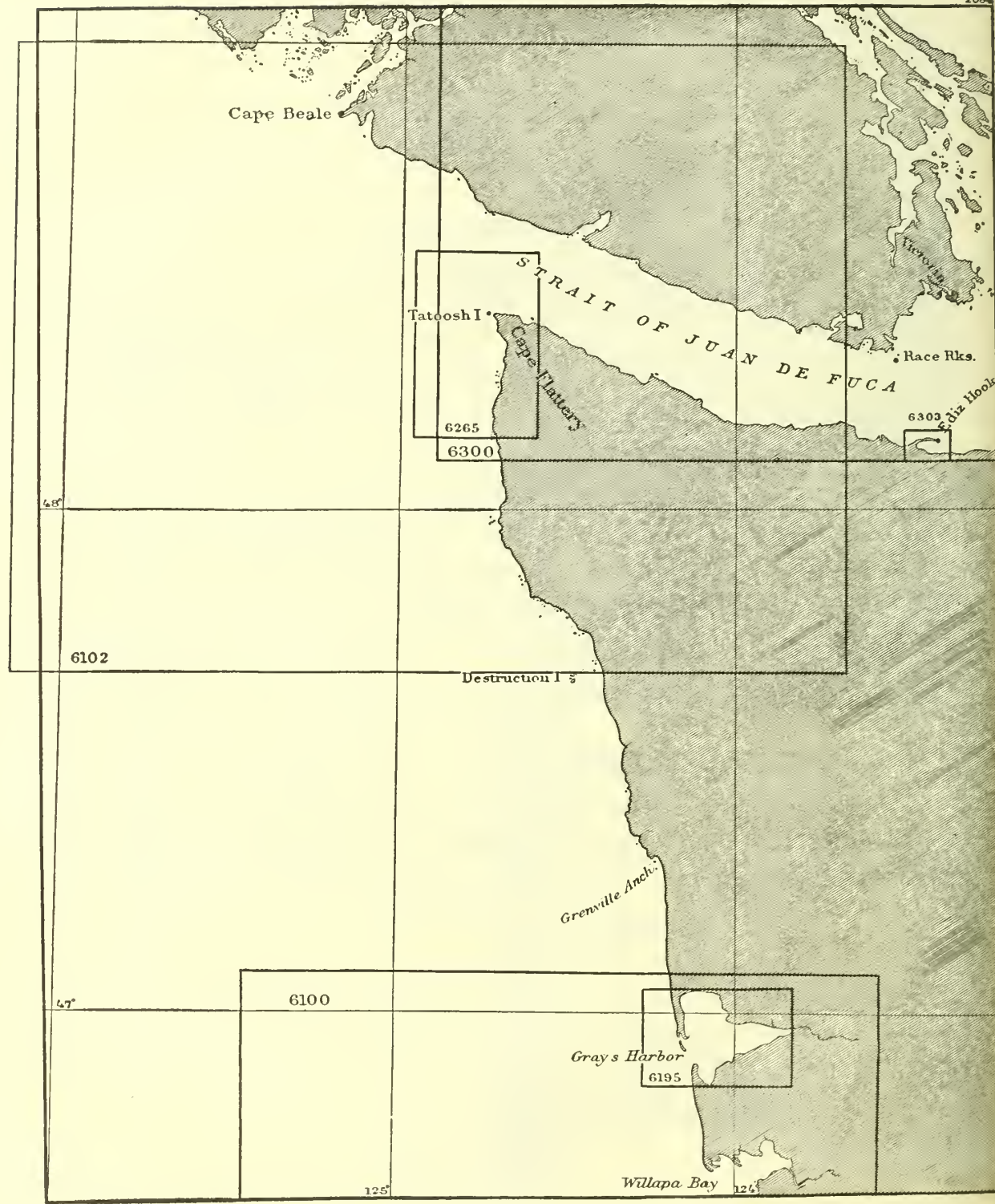
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|          |  |             | Average.  | Inches to nautical miles. |                          |                       |        |
|          | GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued. |             |           |                           |                          |                       |        |
| 6000a    | Yaquina Head to Cape Lookout.....                        | Oregon..... | 1:200,000 | 0.36                      | 18 × 28                  | 1917                  | \$0.30 |
| 6003     | Umpqua River entrance.....                               | do.....     | 1:20,000  | 3.65                      | 21 × 35                  | 1917                  | .20    |
| 6023     | Siuslaw River.....                                       | do.....     | 1:20,000  | 3.65                      | 17 × 18                  | 1917                  | .25    |
| 6058     | Yaquina River and approaches.....                        | do.....     | 1:20,000  | 3.65                      | 27 × 31                  | 1917                  | .30    |
| 6088     | Nestucca Bay.....  | do.....     | 1:10,000  | 7.30                      | 25 × 36                  | 1900                  | .25    |





PACIFIC COAST—CONTINUED.  
GEOGRAPHIC ARRANGEMENT—CONTINUED.

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|          | GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.                           |                 |           |                           |                          |                       |        |
| 6109     | Cape Lookout to Grays Harbor.....  | Oreg. and Wash. | 1:200,000 | 0.36                      | 28 × 39                  | 1917                  | \$0.50 |
| 6112     | Tillamook Bay.....   | Oregon.....     | 1:20,000  | 3.65                      | 26 × 33                  | 1919                  | .25    |
| 6122     | Nehalem River.....   | .....do.....    | 1:20,000  | 3.65                      | 16 × 19                  | 1918                  | .20    |
| 6151     | Columbia River—Entrance to Harrington Point.                                       | Oreg. and Wash. | 1:40,000  | 1.82                      | 25 × 41                  | 1918                  | .50    |
| 6152     | Columbia River—Harrington Point to Grims Island.                                   | .....do.....    | 1:40,000  | 1.82                      | 27 × 43                  | 1919                  | .50    |
| 6153     | Columbia River—From Grims Island to Saint Helens.                                  | .....do.....    | 1:40,000  | 1.82                      | 32 × 39                  | 1919                  | .50    |
| 6154     | Columbia River—Saint Helens to Willamette River, including Vancouver and Portland. | .....do.....    | 1:40,000  | 1.82                      | 21 × 41                  | 1919                  | .50    |
| 6146     | Columbia River—Vancouver to Reed Island.   | .....do.....    | 1:40,000  | 1.82                      | 23 × 34                  | 1904                  | .25    |
| 6185     | Willapa Bay.....   | Washington..... | 1:40,000  | 1.82                      | 31 × 43                  | 1919                  | .50    |
| 6195     | Grays Harbor.....  | .....do.....    | 1:40,000  | 1.82                      | 25 × 39                  | 1917                  | .25    |

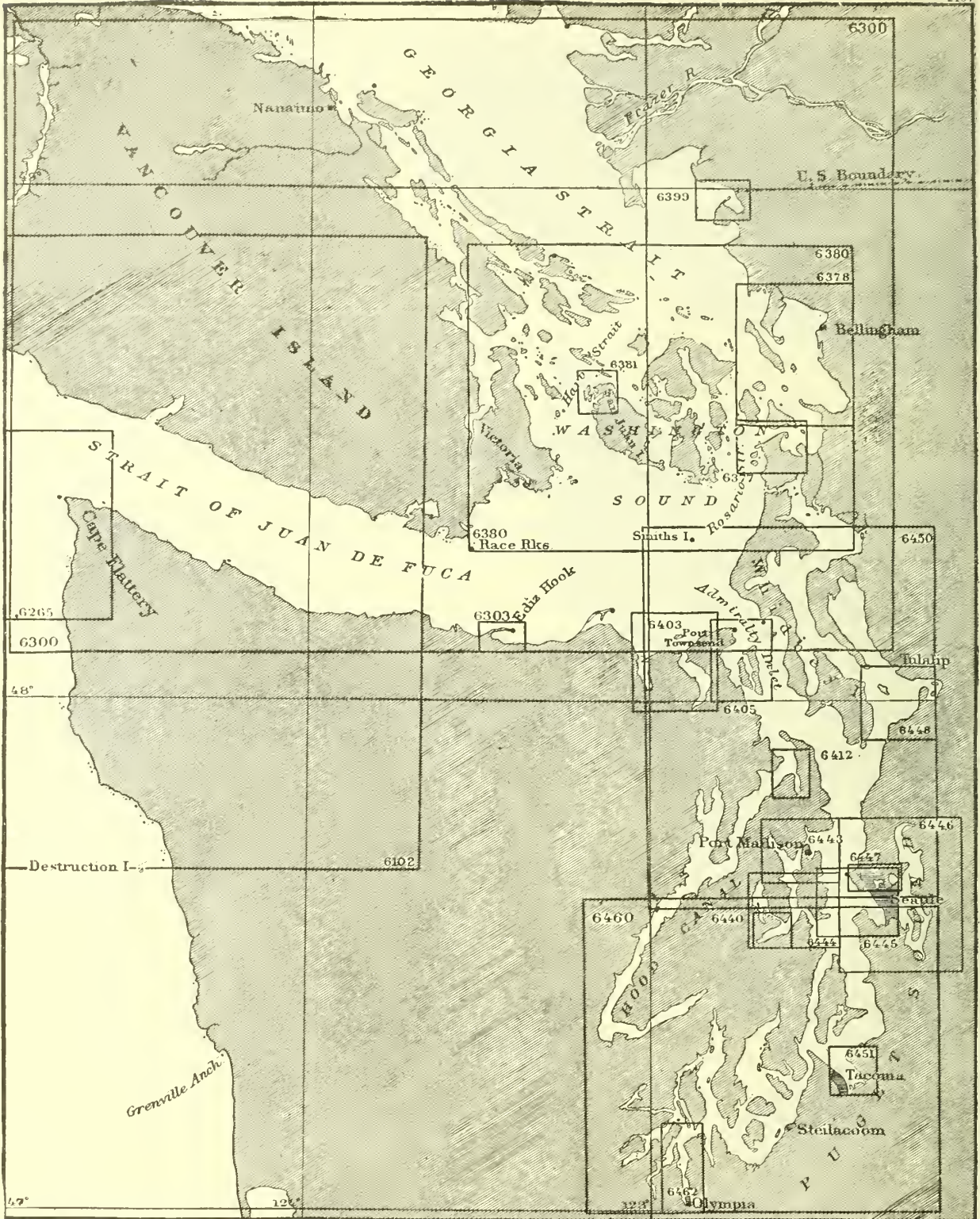


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|          | GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.                      |                 |            |                           |                          |                       |         |
| 6265     | Cape Flattery.....  | Washington..... | 1:40, 000  | 1. 82                     | 29 × 40                  | 1898                  | \$0. 40 |
| 6102     | Approaches to Strait of Juan de Fuca, Destruction Island to Amphitrite Point. | Wash. and B. C. | 1:200, 000 | 0. 36                     | 33 × 43                  | 1918                  | . 50    |



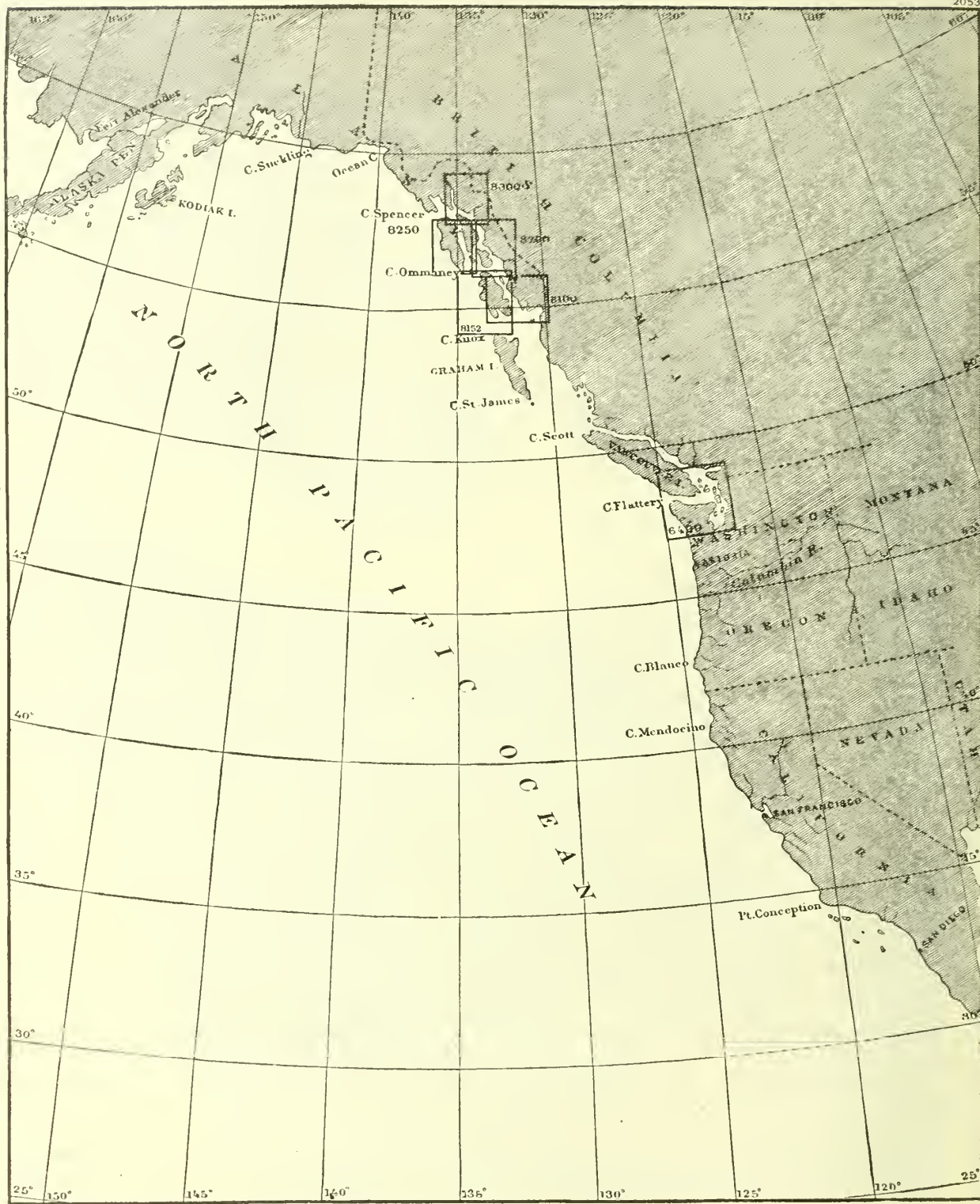


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|          | GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.     |                 |           |                           |                          |                       |        |
| 6300     | Georgia Strait and Strait of Juan de Fuca.....               |                 | 1:200,000 | 0.36                      | 28 × 39                  | 1919                  | \$0.50 |
| 6303     | Port Angeles, Strait of Juan de Fuca.....                    | Washington..... | 1:10,000  | 7.30                      | 19 × 31                  | 1909                  | .25    |
| 6380     | Washington Sound.....  | do.....         | 1:80,000  | 0.91                      | 34 × 42                  | 1912                  | .50    |
| 6377     | Anacortes Harbor, Washington Sound.....                      | do.....         | 1:40,000  | 1.82                      | 13 × 16                  | 1902                  | .25    |
| 6378     | Bellingham Bay.....  | do.....         | 1:40,000  | 1.82                      | 26 × 31                  | 1906                  | .25    |
| 6381     | Roche Harbor and approaches.....                             | do.....         | 1:10,000  | 7.30                      | 33 × 37                  | 1914                  | .50    |
| 6399     | Semiamoo Bay, Georgia Strait.....                            | do.....         | 1:30,000  | 2.43                      | 14 × 16                  | 1909                  | .15    |
| 6403     | Port Discovery and Washington Harbor.....                    | do.....         | 1:40,000  | 1.82                      | 19 × 22                  | 1890                  | .25    |
| 6405     | Port Townsend, Admiralty Inlet.....                          | do.....         | 1:20,000  | 3.65                      | 26 × 36                  | 1916                  | .25    |
| 6412     | Port Gamble, Hood Canal.....                                 | do.....         | 1:20,000  | 3.65                      | 16 × 23                  | 1916                  | .15    |
| 6443     | Port Orchard, northern part, Puget Sound..                   | do.....         | 1:20,000  | 3.65                      | 27 × 34                  | 1919                  | .50    |
| 6444     | Port Orchard, southern part, Puget Sound..                   | do.....         | 1:20,000  | 3.65                      | 33 × 38                  | 1916                  | .50    |
| 6440     | Sinclair Inlet.....  | do.....         | 1:10,000  | 7.30                      | 23 × 31                  | 1917                  | .25    |
| 6445     | Seattle Harbor, Puget Sound.....                             | do.....         | 1:20,000  | 3.65                      | 31 × 38                  | 1918                  | .50    |
| 6446     | Lake Washington.....   | do.....         | 1:40,000  | 1.82                      | 25 × 34                  | 1910                  | .25    |
| 6450     | Admiralty Inlet, and Puget Sound to Seattle.                 | do.....         | 1:80,000  | 0.91                      | 34 × 41                  | 1919                  | .50    |
| 6460     | Puget Sound, Seattle to Olympia.....                         | do.....         | 1:80,000  | 0.91                      | 32 × 41                  | 1911                  | .50    |
| 6448     | Everett Harbor and approaches.....                           | do.....         | 1:40,000  | 1.82                      | 17 × 18                  | 1916                  | .25    |
| 6451     | Commencement Bay and City of Tacoma.....                     | do.....         | 1:20,000  | 3.65                      | 20 × 21                  | 1916                  | .25    |
| 6462     | Olympia Harbor, Puget Sound.....                             | do.....         | 1:20,000  | 3.65                      | 20 × 37                  | 1914                  | .25    |
| 6447     | Lake Washington Ship Canal, Puget Sound, to Lake Washington. | do.....         | 1:10,000  | 7.30                      | 29 × 44                  | 1918                  | .50    |







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|          | GENERAL CHARTS.  |                     |           |                           |                          |                       |        |
| 6400     | Seacoast and interior waters of Washington, from Grays Harbor to Semiamoo Bay. | Washington.....     | 1:300,000 | 0.21                      | 33 × 39                  | 1919                  | \$0.50 |
| 8100     | Clarence Strait, Revillagigedo Channel and Portland Canal.                     | Alaska.....         | 1:200,000 | 0.36                      | 33 × 42                  | 1911                  | .50    |
| 8200     | Frederick Sound and Sumner Strait.....   | .....do.....        | 1:200,000 | 0.36                      | 33 × 41                  | 1895                  | .50    |
| 8300     | Lynn Canal and Stephens Passage.....   | .....do.....        | 1:200,000 | 0.36                      | 33 × 41                  | 1914                  | .50    |
| 8152     | Dixon Entrance to Chatham Strait.....  | .....do.....        | 1:200,000 | 0.36                      | 31 × 43                  | 1919                  | .50    |
| 8250     | Chatham Strait.....  | .....do.....        | 1:200,000 | 0.36                      | 34 × 42                  | 1919                  | .50    |





PACIFIC COAST—CONTINUED.  
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|          | <b>GENERAL CHARTS OF THE COAST AND HARBOR CHARTS.</b>       |              |           |                           |                          |                       |        |
| 8051     | Portland Canal.....   | Alaska.....  | 1:100,000 | 0.73                      | 25 × 40                  | 1911                  | \$0.25 |
| 8068     | Customhouse Cove and Mary Island Anchorage.                 | .....do..... | 1:10,000  | 7.30                      | 16 × 20                  | 1919                  | .20    |
| 8074     | Harbors in Dixon Entrance and Clarence Strait.              | .....do..... |           |                           | 34 × 37                  | 1916                  | .50    |
|          | Cape Chacon and vicinity.....                               |              | 1:80,000  | 0.91                      |                          |                       |        |
|          | Port Tongass.....   |              | 1:10,000  | 7.30                      |                          |                       |        |
|          | Niblack Anchorage, Prince of Wales Island.                  |              | 1:20,000  | 3.65                      |                          |                       |        |
|          | Tamgas Harbor, Annette Island.....                          |              | 1:40,000  | 1.82                      |                          |                       |        |
|          | Port Chester, Annette Island.....                           |              | 1:20,000  | 3.65                      |                          |                       |        |
|          | Chasina Anchorage, Cholmondeley Sound.                      |              | 1:10,000  | 7.30                      |                          |                       |        |
| 8075     | Revillagigedo Channel.....                                  | Alaska.....  | 1:80,000  | 0.91                      | 33 × 42                  | 1917                  | .50    |
| 8076     | Harbors in Clarence Strait.....                             | .....do..... |           |                           | 21 × 25                  | 1906                  | .25    |
|          | North Arm of Moira Sound.....                               |              | 1:20,000  | 3.65                      |                          |                       |        |
|          | Dolomi Anchorage and Port Johnson...                        |              | 1:20,000  | 3.65                      |                          |                       |        |
|          | Lyman Anchorage, Prince of Wales Island.                    |              | 1:10,000  | 7.30                      |                          |                       |        |
| 8077     | Harbors in Prince of Wales Island.....                      | Alaska.....  |           |                           | 23 × 25                  | 1907                  | .25    |
|          | McKenzie Inlet, Kasaan Bay.....                             |              | 1:20,000  | 3.65                      |                          |                       |        |
|          | Hollis Anchorage, Kasaan Bay.....                           |              | 1:40,000  | 1.82                      |                          |                       |        |
| 8084     | { Seal Cove, Nichols Passage.....                           | Alaska.....  | 1:5,000   | 14.59                     | } 22 × 33                | 1910                  | .25    |
|          | { Head of Kasaan Bay, Clarence Strait.....                  | .....do..... | 1:20,000  | 3.65                      |                          |                       |        |
| 8094     | Tongass Narrows.....  | Alaska.....  | 1:30,000  | 2.43                      | 31 × 33                  | 1917                  | .50    |
| 8100     | Clarence Strait, Revillagigedo Channel, and Portland Canal. | .....do..... | 1:200,000 | 0.36                      | 33 × 42                  | 1911                  | .50    |



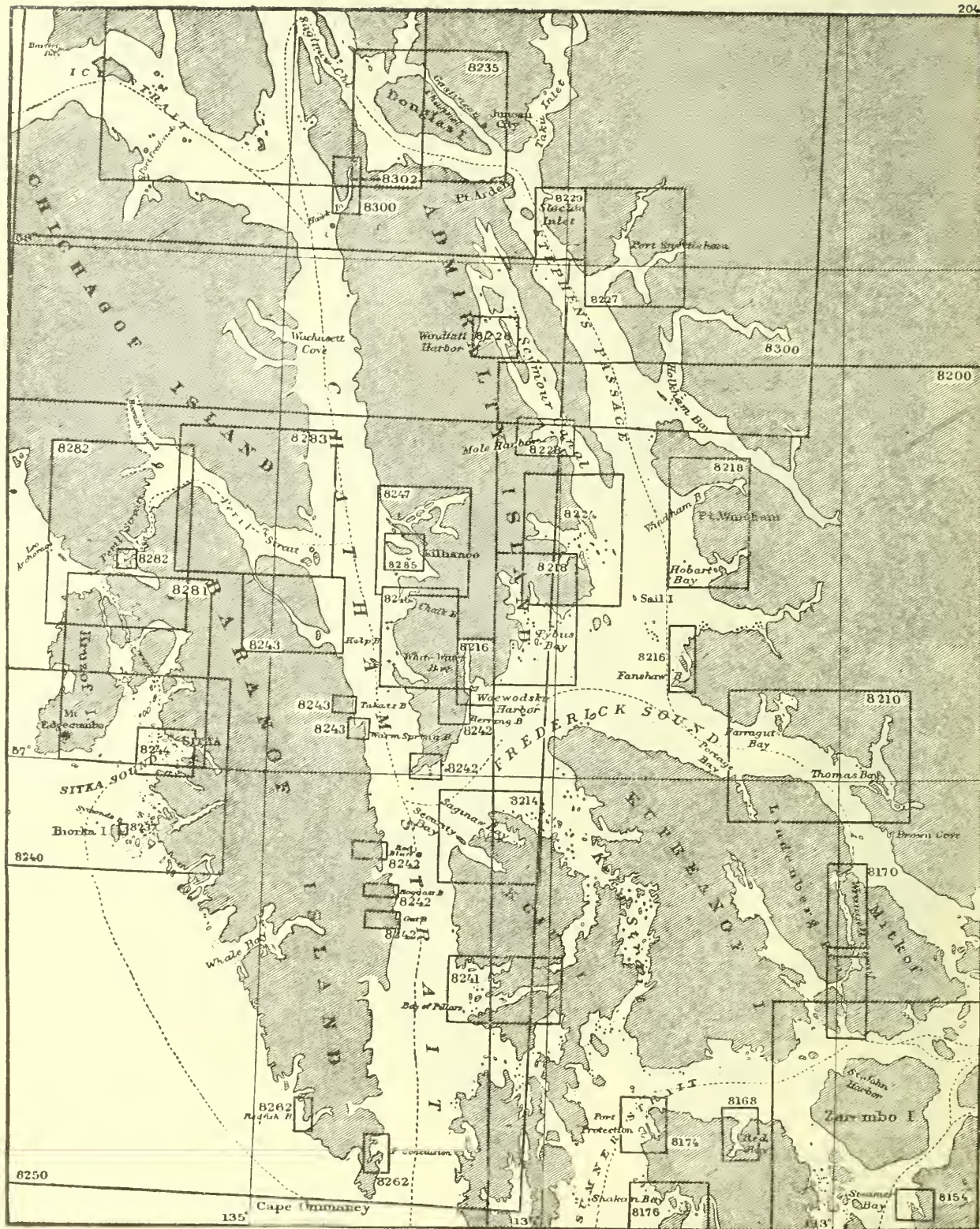


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|          | GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued. |             |           |                           |                          |                       |        |
| 8105     | Behm Canal, northern part.....                           | Alaska..... | 1:80,000  | 0.91                      | 29 × 41                  | 1910                  | \$0.50 |
|          | Yes Bay.....   |             | 1:40,000  | 1.82                      |                          |                       |        |
|          | Convenient Cove.....                                     |             | 1:20,000  | 3.65                      |                          |                       |        |
| 8124     | Harbor charts: Clarence Strait and Behm Canal.           | Alaska..... |           |                           | 28 × 28                  | 1919                  | .25    |
|          | Naha Bay, Revillagigedo Island.....                      |             | 1:40,000  | 1.82                      |                          |                       |        |
|          | Tolstoi Bay, Prince of Wales Island.....                 |             | 1:40,000  | 1.82                      |                          |                       |        |
|          | Union Bay, Cleveland Peninsula.....                      |             | 1:40,000  | 1.82                      |                          |                       |        |
|          | Ratz Harbor, Prince of Wales Island.....                 |             | 1:10,000  | 7.30                      |                          |                       |        |
|          | Dewey Anchorage, Etolin Island.....                      |             | 1:20,000  | 3.65                      |                          |                       |        |
| 8152     | Dixon Entrance to Chatham Strait.....                    | Alaska..... | 1:200,000 | 0.36                      | 31 × 43                  | 1919                  | .50    |
| 8151     | Northern Part of Tlevak Strait and Ulloa Channel.        | do.....     | 1:40,000  | 1.82                      | 30 × 37                  | 1916                  | .50    |
| 8153     | Tlevak and Sukkwan Narrows.....                          | do.....     | 1:20,000  | 3.65                      | 12 × 21                  | 1916                  | .30    |
| 8164     | Steamer Bay, Wrangell Harbor, and Highfield Anchorage.   | do.....     |           |                           | 18 × 29                  | 1918                  | .30    |
|          | Steamer Bay, Etolin Island.....                          |             | 1:20,000  | 3.65                      |                          |                       |        |
|          | Wrangell Harbor and Highfield Anchorage.                 |             | 1:10,000  | 7.30                      |                          |                       |        |
| 8155     | Ulloa Channel to San Christoval Channel....              | Alaska..... | 1:40,000  | 1.82                      | 31 × 31                  | 1917                  | .50    |
| 8160     | Zarembo Island and approaches.....                       | do.....     | 1:80,000  | 0.91                      | 29 × 31                  | 1909                  | .50    |
| 8162     | Lake Bay, Clarence Strait.....                           | do.....     | 1:10,000  | 7.30                      | 34 × 34                  | 1918                  | .50    |
| 8168     | Red Bay, Prince of Wales Island.....                     | do.....     | 1:20,000  | 3.65                      | 13 × 20                  | 1917                  | .15    |
| 8170     | Wrangell Narrows.....                                    | do.....     | 1:20,000  | 3.65                      | 31 × 40                  | 1919                  | .50    |
| 8174     | Port Protection, Prince of Wales Island.....             | do.....     | 1:20,000  | 3.65                      | 19 × 28                  | 1917                  | .15    |
| 8176     | Shakan Strait, Prince of Wales Island.....               | do.....     | 1:20,000  | 3.65                      | 25 × 38                  | 1917                  | .25    |
| 8179     | Port McArthur, Kuiu Island.....                          | do.....     | 1:10,000  | 7.30                      | 25 × 25                  | 1901                  | .15    |
| 8157     | San Christoval Channel to Cape Lynch.....                | do.....     | 1:40,000  | 1.82                      | 31 × 38                  | 1915                  | .50    |
| 8243     | Kelp, Takatz, and Warm Spring Bays, Chatham Strait.      | do.....     |           |                           | 21 × 32                  | 1908                  | .25    |
|          | Kelp Bay.....  |             | 1:40,000  | 1.82                      |                          |                       |        |
|          | Takatz Bay.....  |             | 1:20,000  | 3.65                      |                          |                       |        |
|          | Warm Spring Bay.....                                     |             | 1:20,000  | 3.65                      |                          |                       |        |
| 8247     | Hood Bay and Kootznahoo Inlet.....                       | Alaska..... | 1:30,000  | 2.43                      | 26 × 37                  | 1910                  | .50    |







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| 8200     | Frederick Sound and Sumner Strait.....   | Alaska..... | 1:200,000 | 0.36                      | 33 × 41                  | 1895                  | \$0.50 |
| 8210     | Thomas, Farragut, and Portage Bays.....  | do.....     | 1:40,000  | 1.82                      | 28 × 38                  | 1913                  | .50    |
| 8214     | Saginaw and Security Bays.....   | do.....     | 1:40,000  | 1.82                      | 20 × 23                  | 1909                  | .25    |
| 8216     | {Woewodski and Eliza Harbors.....}<br>{Fanshaw Bay and Cleveland Passage.....} | do.....     | 1:20,000  | 3.65                      | 28 × 30                  | 1900                  | .25    |
| 8218     | {Pybus Bay, Admiralty Island.....}<br>{Hobart and Windham Bays..}              | do.....     | 1:40,000  | 1.82                      | 27 × 34                  | 1911                  | .25    |
| 8224     | Gambier Bay, Frederick Sound.....  | do.....     | 1:40,000  | 1.82                      | 21 × 30                  | 1912                  | .25    |
| 8227     | Port Snettisham, Stephens Passage.....   | do.....     | 1:40,000  | 1.82                      | 23 × 27                  | 1913                  | .25    |
| 8228     | {Windfall Harbor.....}<br>{Mole Harbor...} Seymour Canal.....                  | do.....     | 1:20,000  | 3.65                      | 20 × 30                  | 1913                  | .25    |
| 8241     | Bay of Pillars, Chatham Strait.....  | do.....     | 1:20,000  | 3.65                      | 31 × 41                  | 1907                  | .50    |
|          | Washington Bay, Chatham Strait.....  |             | 1:10,000  | 7.30                      |                          |                       |        |
| 8242     | Harbors in Chatham Strait and vicinity.....                                    | Alaska..... |           |                           | 28 × 30                  | 1906                  | .25    |
|          | Gut Bay, Chatham Strait.....   |             | 1:20,000  | 3.65                      |                          |                       |        |
|          | Hoggatt Bay, Chatham Strait.....   |             | 1:20,000  | 3.65                      |                          |                       |        |
|          | Red Bluff Bay, Chatham Strait.....   |             | 1:20,000  | 3.65                      |                          |                       |        |
|          | Surprise Harbor and Murder Cove.....   |             | 1:20,000  | 3.65                      |                          |                       |        |
|          | Herring Bay and Chapin Bay, Frederick Sound.....                               |             | 1:20,000  | 3.65                      |                          |                       |        |
| 8246     | Whitewater Bay and Chaik Bay, Chatham Strait.....                              | Alaska..... | 1:20,000  | 3.65                      | 31 × 39                  | 1906                  | .50    |
| 8250     | Chatham Strait (see also page 118).....  | do.....     | 1:200,000 | 0.36                      | 34 × 42                  | 1919                  | .50    |
| 8240     | Sitka Sound.....   | do.....     | 1:80,000  | 0.91                      | 18 × 25                  | 1905                  | .25    |





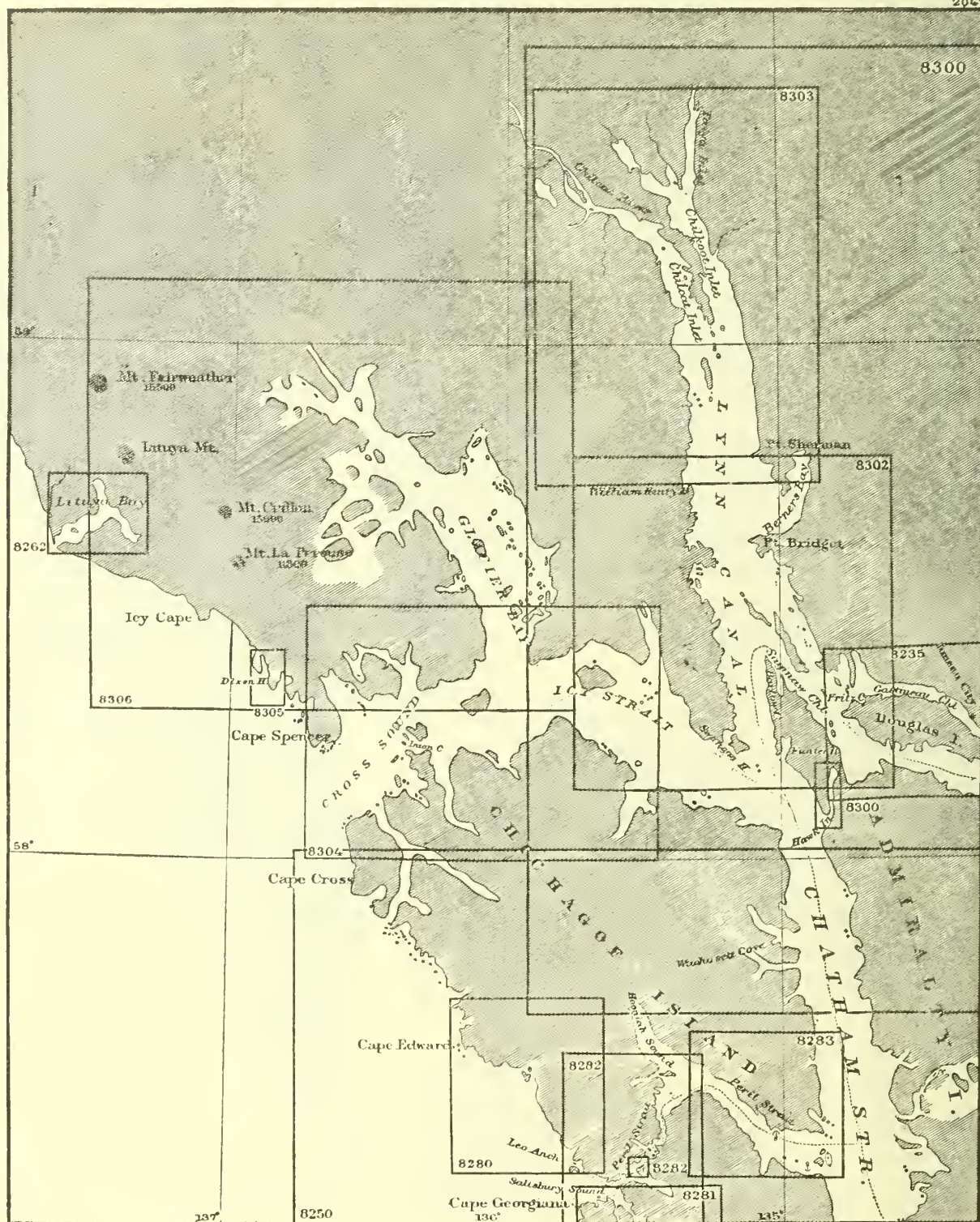


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| 8229     | Slocum and Limestone Inlets and Taku Har-<br>bor.                            | Alaska.....  | 1:20,000  | 3.65                            | 21 × 31                           | 1912                        | \$0.25 |
| 8235     | Gastineau Channel and part of Stephens<br>Passage.                           | .....do..... | 1:40,000  | 1.82                            | 28 × 31                           | 1913                        | .25    |
| 8237     | Symonds Bay, Sitka Sound.....  | .....do..... | 1:7,200   | 10.13                           | 14 × 14                           | 1896                        | .10    |
| 8244     | Sitka Harbor and approaches.....   | .....do..... | 1:10,000  | 7.30                            | 32 × 39                           | 1911                        | .50    |
| 8281     | Peril Strait, Sitka Sound to Salisbury Sound.<br>Whitestone Narrows.....     | .....do..... | 1:40,000  | 1.82                            | 33 × 41                           | 1900                        | .50    |
|          |  |              | 1:10,000  | 7.30                            |                                   |                             |        |
| 8282     | Peril Strait, Salisbury Sound to Hooniah<br>Sound.<br>Sergius Narrows.....   | Alaska.....  | 1:40,000  | 1.82                            | 31 × 41                           | 1900                        | .50    |
|          |  |              | 1:20,000  | 3.65                            |                                   |                             |        |
| 8283     | Peril Strait, Hooniah Sound to Chatham<br>Strait.                            | Alaska.....  | 1:40,000  | 1.82                            | 33 × 41                           | 1898                        | .50    |
| 8285     | Killisnoo Harbor, Chatham Strait.....  | .....do..... | 1:10,000  | 7.30                            | 21 × 29                           | 1903                        | .25    |
| 8262     | Bays and harbors in southeastern Alaska.<br>Redfish Bay, Baranof Island..... | .....do..... |           |                                 | 17 × 19                           | 1918                        | .25    |
|          |  |              | 1:20,000  | 3.65                            |                                   |                             |        |
|          | Lituya Bay (see page 130).....   |              | 1:118,700 | 0.61                            |                                   |                             |        |
|          | Lituya Bay entrance.....   |              | 1:15,000  | 5.48                            |                                   |                             |        |
|          | Port Conclusion.....   |              | 1:60,000  | 1.32                            |                                   |                             |        |



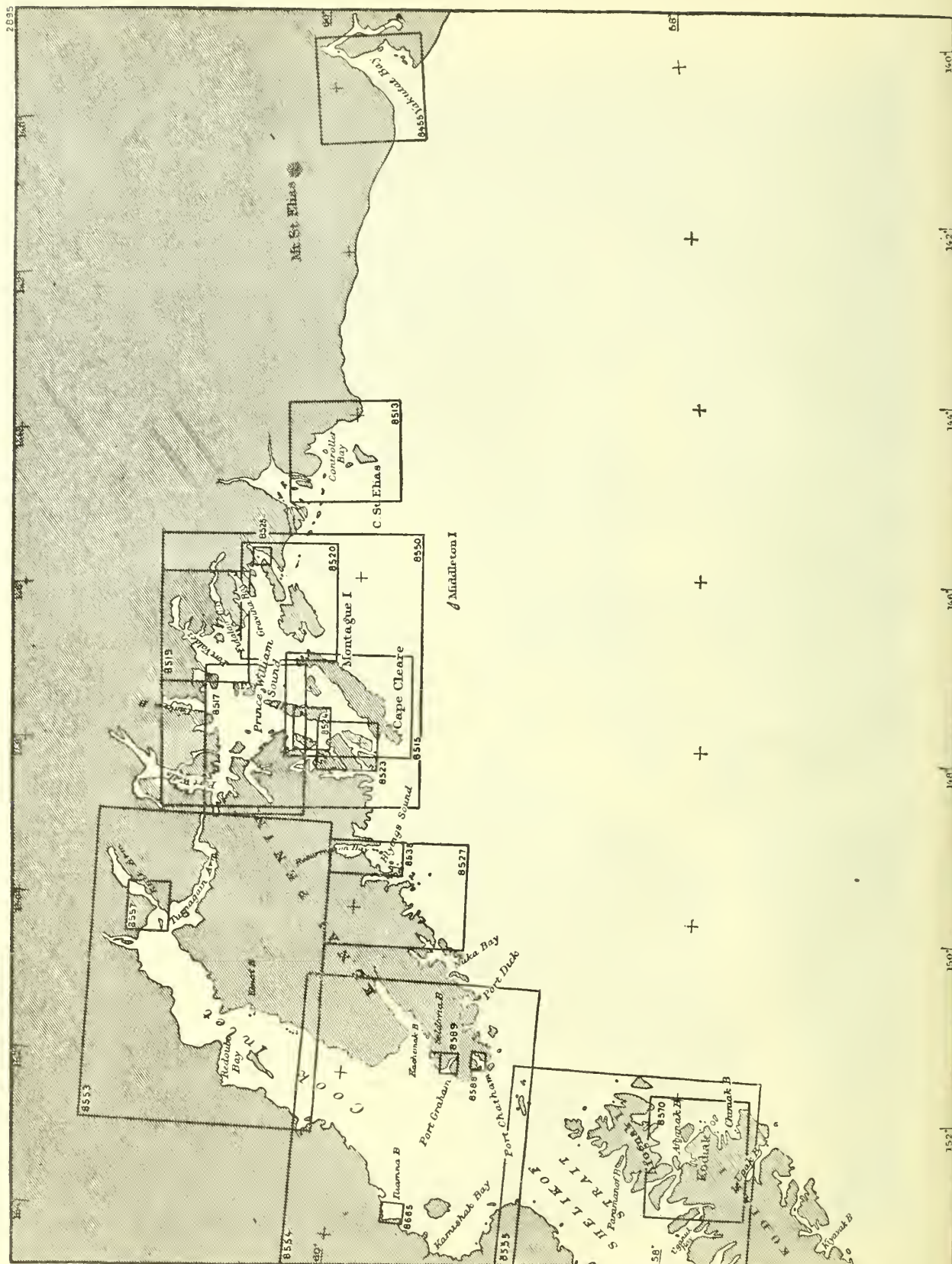


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| 8300     | Lynn Canal and Stephens Passage.....   | Alaska..... | 1:200,000 | 0.36                      | 33 × 41                  | 1919                  | \$0.50 |
|          | Hawk Inlet.....  |             | 1:40,000  | 1.82                      |                          |                       |        |
| 8302     | Lynn Canal, from entrance to Point Sherman, with subcharts of Fritz Cove, Barlow Cove Anchorage, Funtler Bay, Swanson Harbor, and William Henry Bay, all on a scale of 1:20,000. | Alaska..... | 1:80,000  | 0.91                      | 34 × 42                  | 1919                  | .50    |
| 8303     | Lynn Canal, from Point Sherman to head.....  | do.....     | 1:80,000  | 0.91                      | 30 × 41                  | 1908                  | .50    |
| 8304     | Icy Strait and Cross Sound, Port Frederick to Cape Spencer.  | do.....     | 1:80,000  | 0.91                      | 28 × 39                  | 1919                  | .50    |
|          | Inian Cove.....  |             | 1:20,000  | 3.65                      |                          |                       |        |
| 8305     | Dixon Harbor.....  | Alaska..... | 1:15,000  | 4.86                      | 21 × 30                  | 1906                  | .25    |
| 8280     | Khaz Bay.....  | do.....     | 1:40,000  | 1.82                      | 31 × 39                  | 1909                  | .50    |
| 8306     | Glacier Bay.....   | do.....     | 1:160,000 | 0.45                      | 27 × 28                  | 1910                  | .25    |

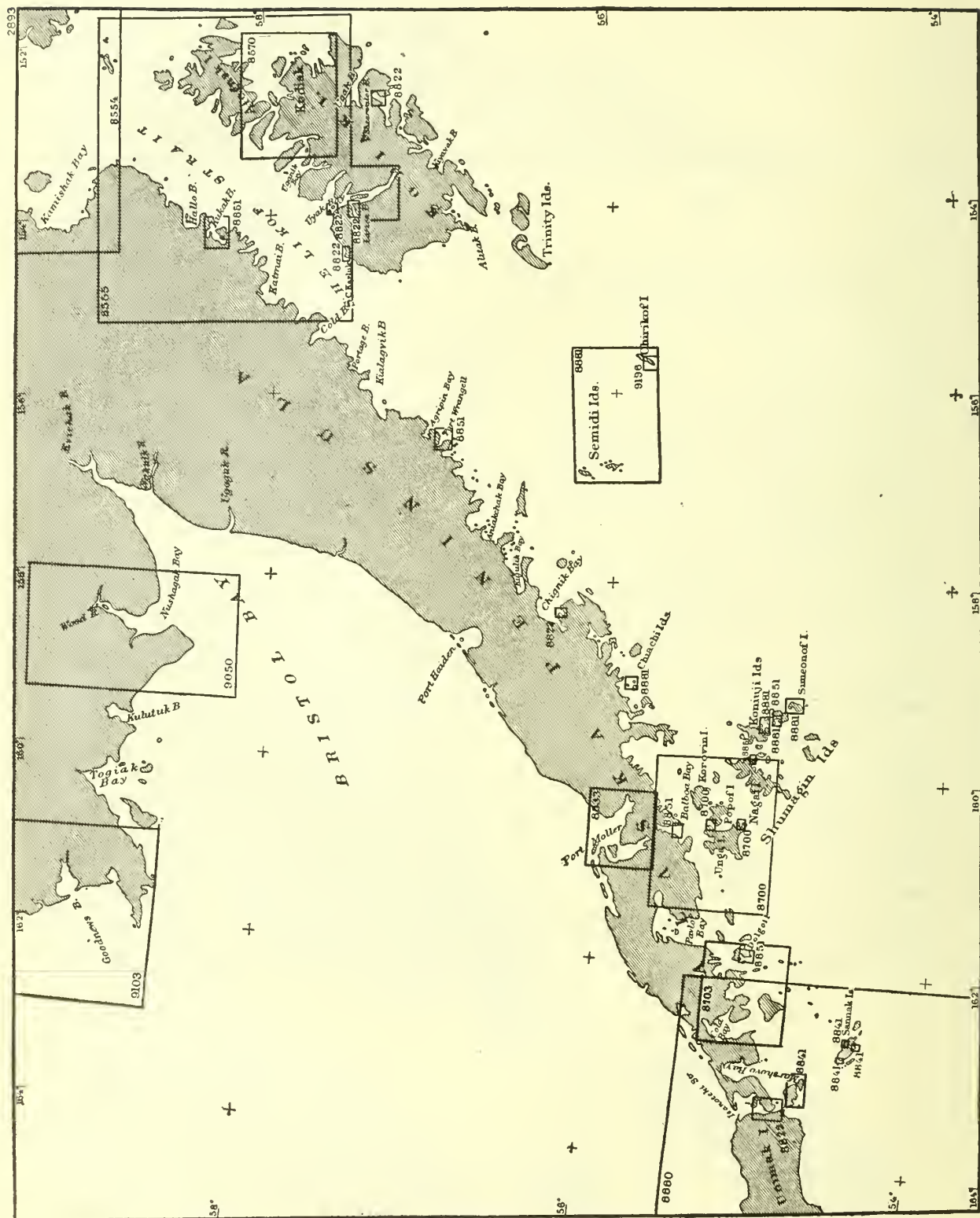






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| 8455     | Yakutat Bay.....   | Alaska..... | 1:80,000  | 0.91                      | 28 × 32                  | 1910                  | \$0.25 |
| 8513     | Controller Bay.....                                      | do.....     | 1:100,000 | 0.73                      | 29 × 32                  | 1913                  | .25    |
| 8550     | Prince William Sound.....                                | do.....     | 1:200,000 | 0.36                      | 35 × 36                  | 1919                  | .50    |
| 8515     | Prince William Sound, western entrance.....              | do.....     | 1:80,000  | 0.91                      | 34 × 42                  | 1911                  | .50    |
| 8517     | Prince William Sound, western part.....                  | do.....     | 1:80,000  | 0.91                      | 31 × 45                  | 1917                  | .50    |
| 8519     | Prince William Sound; Port Fidalgo and Valdez Arm.       | do.....     | 1:80,000  | 0.91                      | 32 × 39                  | 1918                  | .50    |
| 8520     | Prince William Sound, eastern entrance.....              | do.....     | 1:80,000  | 0.91                      | 32 × 42                  | 1919                  | .50    |
| 8524     | Drier Bay, Prince William Sound.....                     | do.....     | 1:20,000  | 3.65                      | 32 × 36                  | 1911                  | .25    |
| 8525     | Orca Bay and Inlet, Channel Islands to Cordova.          | do.....     | 1:30,000  | 2.43                      | 15 × 15                  | 1916                  | .30    |
| 8538     | Resurrection Bay, Kenai Peninsula.....                   | do.....     | 1:50,000  | 1.46                      | 15 × 15                  | 1913                  | .25    |
| 8665     | Iliamna Bay, Cook Inlet.....                             | do.....     | 1:20,000  | 3.65                      | 31 × 33                  | 1917                  | .50    |
| 8588     | Port Chatham.....  | do.....     | 1:10,000  | 12.16                     | 28 × 33                  | 1919                  | .25    |
| 8589     | Port Graham and Seldovia Bay.....                        | do.....     | 1:20,000  | 3.65                      | 26 × 37                  | 1916                  | .50    |
| 8523     | Latouche, Elrington and Prince of Wales Passage.         | do.....     | 1:40,000  | 1.82                      | 32 × 40                  | 1911                  | .50    |
| 8553     | Cook Inlet, northern part.....                           | do.....     | 1:200,000 | 0.36                      | 33 × 43                  | 1915                  | .50    |
| 8554     | Cook Inlet, southern part.....                           | do.....     | 1:200,000 | 0.36                      | 32 × 40                  | 1916                  | .50    |
| 8557     | Knick Arm, Fire Island to Goose Creek.....               | do.....     | 1:40,000  | 1.82                      | 32 × 33                  | 1915                  | .50    |
| 8527     | Cape Resurrection to McArthur Pass.....                  | do.....     | 1:80,000  | 0.91                      | 34 × 46                  | 1915                  | .50    |



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| 8881     | Islands and harbors off Alaska Peninsula.....            | Alaska..... |           |                           | 19 × 21                  | 1919                  | \$0. 20 |
|          | Semidi Islands and Chirikof Island.....                  |             | 1:400,000 | 0. 18                     |                          |                       |         |
|          | Chiachi Islands.....                                     |             | 1:17,000  | 4. 29                     |                          |                       |         |
|          | Northeast Harbor, Little Koniui Island.....              |             | 1:122,000 | 0. 59                     |                          |                       |         |
|          | Northwest and Yukon Harbors, Koniui Islands.....         |             | 1:64,000  | 1. 14                     |                          |                       |         |
|          | Simeonof Harbor, Simeonof Island.....                    |             | 1:90,000  | 0. 81                     |                          |                       |         |
|          | Falmouth Harbor, Nagai Island.....                       |             | 1:65,000  | 1. 12                     |                          |                       |         |
| 8700     | Shumagin Islands and Nagai Island to Unga Island.....    |             | 1:100,000 | 0. 73                     | 31 × 40                  | 1917                  | . 50    |
|          | Popof Strait.....  |             | 1:30,000  | 2. 43                     |                          |                       |         |
|          | Delarof Harbor.....                                      |             | 1:20,000  | 3. 65                     |                          |                       |         |
| 8570     | Kodiak to Kupreanof Strait.....                          | Alaska..... | 1:80,000  | 0. 91                     | 32 × 42                  | 1910                  | . 50    |
|          | Kodiak Harbor.....                                       |             | 1:10,000  | 7. 30                     |                          |                       |         |
| 8555     | Shelikoff Strait and Afognak Island.....                 | Alaska..... | 1:210,000 | 0. 34                     | 31 × 42                  | 1911                  | . 50    |
| 8703     | Dolgoi Island to Deer Island.....                        | do.....     | 1:80,000  | 0. 91                     | 28 × 36                  | 1917                  | . 50    |





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|          | GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.        |             |            |                           |                          |                       |         |
| 8822     | Bays and anchorages in Alaska, south coast.....                 |             |            |                           | 31 × 38                  | 1912                  | \$0. 50 |
|          | Uyak Anchorage.....   |             | 1:20, 000  | 3. 65                     |                          |                       |         |
|          | Larsen Bay.....   |             | 1:20, 000  | 3. 65                     |                          |                       |         |
|          | Karluk Anchorage.....   |             | 1:20, 000  | 3. 65                     |                          |                       |         |
|          | Shearwater Bay.....   |             | 1:15, 000  | 4. 86                     |                          |                       |         |
|          | Isanotski Strait.....   |             | 1:40, 000  | 1. 82                     |                          |                       |         |
|          | Anchorage and Mud Bays.....                                     |             | 1:40, 000  | 1. 82                     |                          |                       |         |
| 8833     | Port Moller and Herendeen Bay.....                              | Alaska..... | 1:80, 000  | 0. 91                     | 24 × 28                  | 1917                  | . 25    |
| 8841     | Harbors and anchorages, Sannak Island and Ikatan Peninsula..... | do.....     |            |                           | 20 × 27                  | 1912                  | . 25    |
|          | Northeast Harbor, Sannak Island.....                            |             | 1:10, 000  | 7. 30                     |                          |                       |         |
|          | Peterson Bay, Sannak Island.....                                |             | 1:20, 000  | 3. 65                     |                          |                       |         |
|          | Acherk Harbor, Sannak Island.....                               |             | 1:10, 000  | 7. 30                     |                          |                       |         |
|          | East Anchor Cove, Ikatan Peninsula....                          |             | 1:40, 000  | 1. 82                     |                          |                       |         |
|          | West Anchor Cove, Ikatan Peninsula....                          |             |            |                           |                          |                       |         |
|          | Dora Harbor, Ikatan Peninsula.....                              |             |            |                           |                          |                       |         |
| 8851     | Harbors and anchorages, southwestern Alaska.....                |             |            |                           | 27 × 28                  | 1917                  | . 25    |
|          | Kukak Bay, Alaska Peninsula.....                                |             | 1:100, 000 | 0. 73                     |                          |                       |         |
|          | Port Wrangell, Alaska Peninsula.....                            |             | 1:110, 000 | 0. 66                     |                          |                       |         |
|          | Balboa Bay, Alaska Peninsula.....                               |             | 1:25, 000  | 2. 92                     |                          |                       |         |
|          | Mist Harbor, Nagai Island.....                                  |             | 1:6, 100   | 11. 96                    |                          |                       |         |
|          | Sandy Cove, Little Koniui Island.....                           |             | 1:24, 200  | 3. 01                     |                          |                       |         |
|          | Dolgoi Harbor, Dolgoi Island.....                               |             | 1:40, 000  | 1. 82                     |                          |                       |         |
|          | Kirilof Bay, Amchitka Island (see page 142).                    |             | 1:28, 000  | 2. 61                     |                          |                       |         |
|          | McDonald Bay, Agattu Island (see page 142).                     |             | 1:75, 000  | 0. 97                     |                          |                       |         |
|          | St. Matthew Island, Bering Sea (see page 144).                  |             | 1:156, 000 | 0. 47                     |                          |                       |         |
| 9050     | Nushagak Bay and approaches.....                                | Alaska..... | 1:150, 000 | 0. 48                     | 23 × 37                  | 1911                  | . 50    |





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| 8995     | Pribilof Islands, Bering Sea.....                                 | Alaska ..... | 1:200,000 | 0.36                            | 30 × 36                           | 1910                        | \$0.25 |
| 8996     | St. Paul and St. George Islands, Pribilof<br>Islands, Bering Sea. | .....do..... | .....     | .....                           | 30 × 40                           | 1910                        | .50    |
|          | St. Paul Island.....  | .....        | 1:75,000  | 0.97                            | .....                             | .....                       | .....  |
|          | St. George Island.....  | .....        | 1:75,000  | 0.97                            | .....                             | .....                       | .....  |
| 9007     | Unalaska Bay, Iliuliuk Bay, and Dutch Har-<br>bor.                | Alaska.....  | 1:40,000  | 1.82                            | 21 × 26                           | 1908                        | .10    |
| 9008     | Dutch Harbor.....   | .....do..... | 1:10,000  | 7.30                            | 28 × 33                           | 1915                        | .25    |

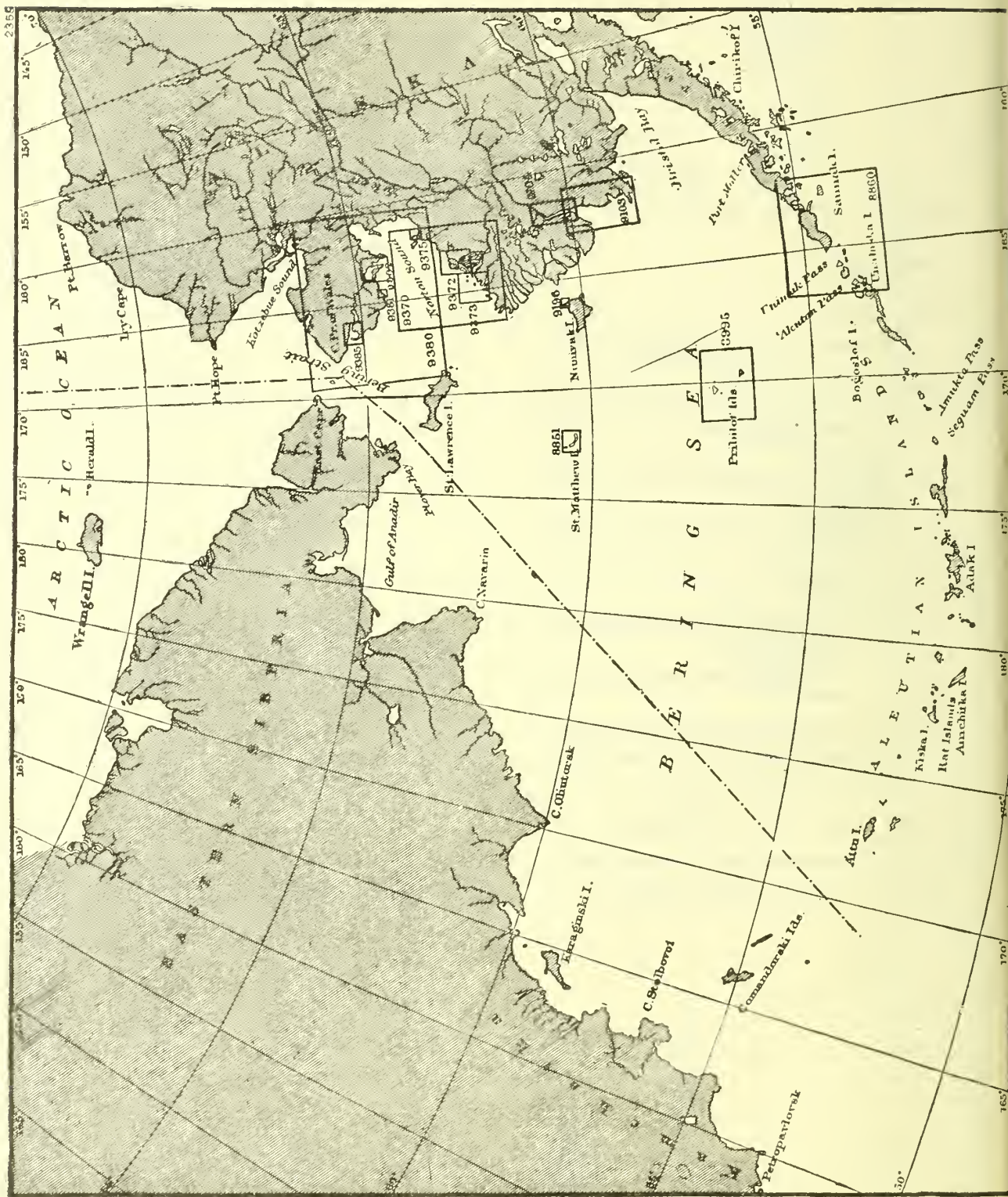


# PACIFIC COAST—CONTINUED.

## GEOGRAPHIC ARRANGEMENT—CONTINUED.

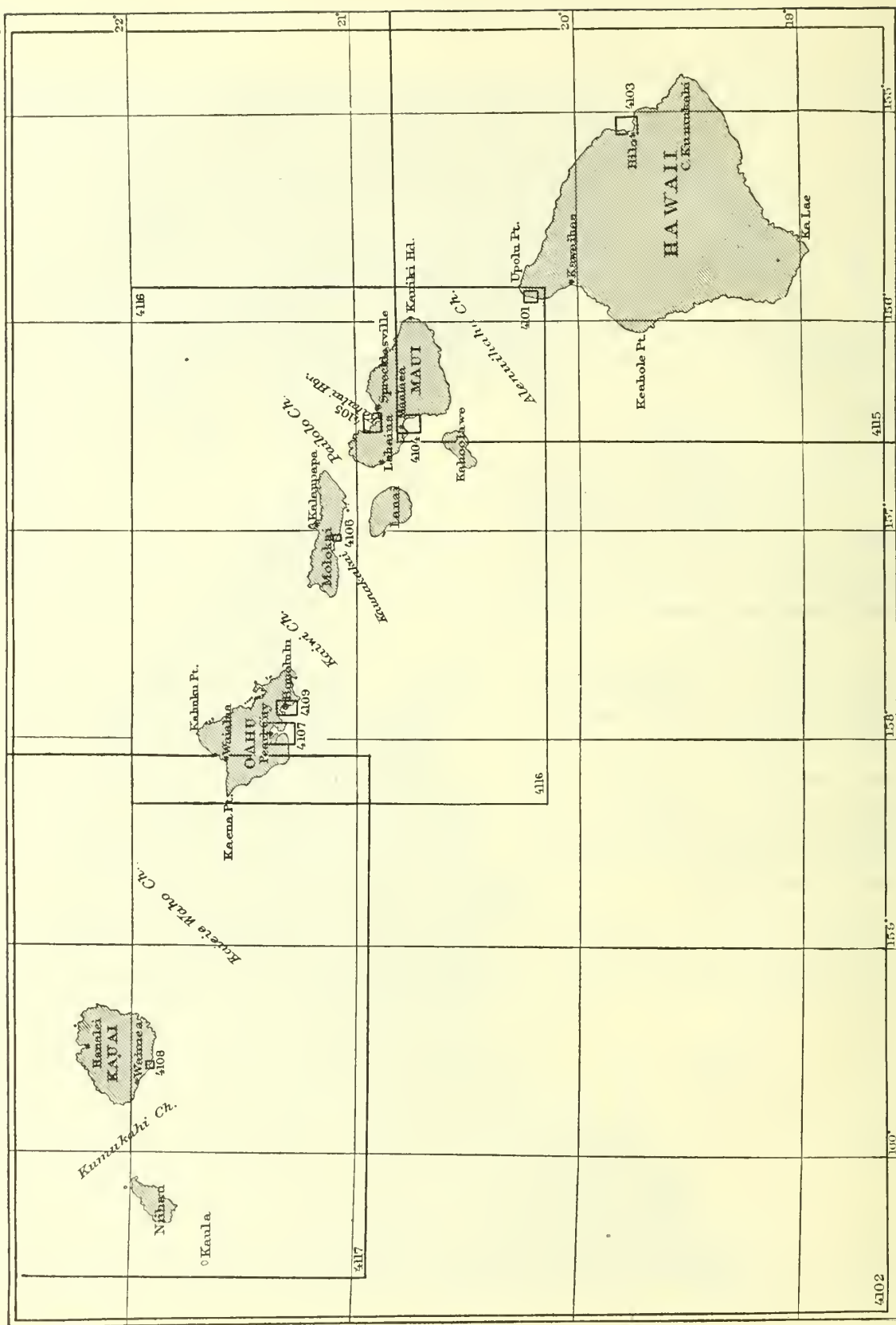
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|          | GENERAL CHARTS OF THE COAST AND HARBOR CHARTS—Continued.  |            |           |                           |                          |                       |        |
| 9196     | Anchorage and harbors, Aleutian Islands.....              |            |           |                           | 28 × 33                  | 1907                  | \$0.25 |
|          | Southwest Anchorage, Chirikof Island (see page 130).....  |            | 1:53,600  | 1.36                      |                          |                       |        |
|          | Cape Etolin Anchorage, Nunivak Island (see page 138)..... |            | 1:31,000  | 2.31                      |                          |                       |        |
|          | English Bay, Unalaska Island (see page 134).....          |            | 1:20,000  | 3.65                      |                          |                       |        |
|          | Kuliliak Bay, Unalaska Island (see page 134).....         |            | 1:43,500  | 1.69                      |                          |                       |        |
|          | Chernofski Harbor, Unalaska Island (see page 134).....    |            | 1:36,000  | 2.03                      |                          |                       |        |
|          | Sviechnikof Harbor, Amlia Island (see page 134).....      |            | 1:52,000  | 1.40                      |                          |                       |        |
|          | Nazan Bay, Atka Island (see page 134).....                |            | 1:78,000  | 0.93                      |                          |                       |        |
|          | Korovin Bay, Atka Island (see page 134).....              |            | 1:194,000 | 0.37                      |                          |                       |        |
|          | Bay of Islands, Adak Island.....                          |            | 1:32,000  | 2.28                      |                          |                       |        |
|          | Bay of Waterfalls, Adak Island.....                       |            | 1:95,000  | 0.77                      |                          |                       |        |
|          | Constantine Harbor, Amchitka Island.....                  |            | 1:43,000  | 1.69                      |                          |                       |        |
|          | Chichagof Harbor, Attu Island.....                        |            | 1:19,000  | 3.83                      |                          |                       |        |





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| 8860     | Unimak and Akutan Passes and approaches.....             | Alaska..... | 1:300,000 | 0.27                      | 33 × 42                  | 1916                  | \$0.50 |
| 9370     | Cape Romanzof to St. Michael.....                        | do.....     | 1:300,000 | 0.27                      | 34 × 36                  | 1901                  | .50    |
| 9372     | Yukon River, Apoon Mouth to Head of Passes.....          | do.....     | 1:80,000  | 0.91                      | 32 × 38                  | 1914                  | .25    |
|          | Apoon Mouth.....   |             | 1:20,000  | 3.65                      |                          |                       |        |
| 9373     | Yukon River, Kwikluak Mouth.....                         | Alaska..... | 1:80,000  | 0.91                      | 29 × 39                  | 1901                  | .25    |
| 9375     | St. Michael Bay, Norton Sound.....                       | do.....     | 1:20,000  | 3.65                      | 32 × 38                  | 1901                  | .50    |
| 9380     | Norton Sound.....  | do.....     | 1:400,000 | 0.18                      | 33 × 41                  | 1914                  | .50    |
| 9382     | Golofnin Bay, Norton Sound.....                          | do.....     | 1:40,000  | 1.82                      | 32 × 39                  | 1903                  | .50    |
| 9381     | Port Safety, Norton Sound.....                           | do.....     | 1:15,000  | 4.86                      | 19 × 21                  | 1905                  | .25    |
| 9385     | Port Clarence and Grantley Harbor.....                   | do.....     | 1:80,000  | 0.91                      | 19 × 27                  | 1912                  | .25    |
| 9103     | Kuskokwim Bay.....                                       | do.....     | 1:200,000 | 0.36                      | 24 × 37                  | 1916                  | .50    |
|          | Goodnews Bay.....  |             | 1:80,000  | 0.91                      |                          |                       |        |
| 9104     | Kuskokwim River—Eek Island to Bethel....                 | Alaska..... | 1:100,000 | 0.73                      | 20 × 37                  | 1918                  | .30    |

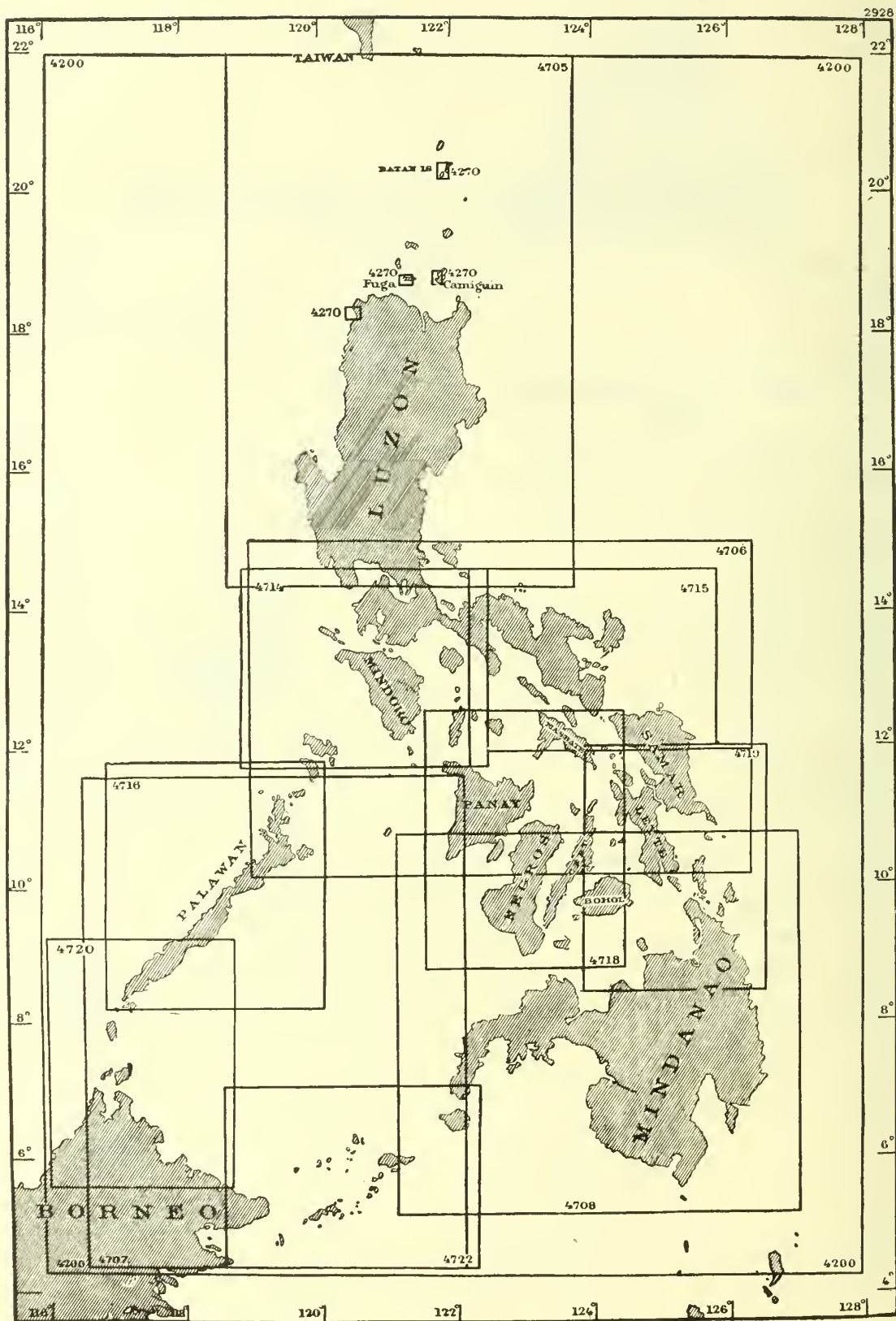




# PACIFIC OCEAN—HAWAIIAN AND MARIANAS ISLANDS.

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|          | <b>SAILING, COAST, AND HARBOR CHARTS.</b> |              |           |                           |                          |                       |        |
| 4101     | Mahukona Harbor and approaches.....       | Hawaii.....  | 1:5,000   | 14.59                     | 17 × 23                  | 1910                  | \$0.20 |
| 4117     | Hawaiian Islands, Oahu to Niihau.....     | do.....      | 1:250,000 | 0.29                      | 32 × 42                  | 1912                  | .50    |
| 4102     | Hawaiian Islands.....                     | do.....      | 1:600,000 | 0.12                      | 30 × 44                  | 1917                  | .50    |
| 4103     | Hilo Bay.....                             | do.....      | 1:10,000  | 7.30                      | 28 × 39                  | 1915                  | .25    |
| 4104     | Maalaea Bay.....                          | Maui.....    | 1:10,000  | 7.30                      | 32 × 40                  | 1915                  | .25    |
| 4105     | Kahului Harbor and approaches.....        | do.....      | 1:10,000  | 7.30                      | 26 × 29                  | 1913                  | .30    |
| 4106     | Kaunakakai Harbor.....                    | Molokai..... | 1:10,000  | 7.30                      | 15 × 18                  | 1916                  | .25    |
| 4107     | Pearl Harbor.....                         | Oahu.....    | 1:15,000  | 4.86                      | 30 × 34                  | 1915                  | .25    |
| 4108     | Hanapepe Bay.....                         | Kauai.....   | 1:5,000   | 14.59                     | 16 × 17                  | 1910                  | .25    |
| 4109     | Honolulu Harbor.....                      | Oahu.....    | 1:5,000   | 14.59                     | 23 × 35                  | 1919                  | .50    |
| 4115     | Hawaii.....                               |              | 1:247,000 | 0.29                      | 35 × 39                  | 1919                  | .50    |
| 4116     | Hawaii to Oahu.....                       |              | 1:247,000 | 0.29                      | 33 × 42                  | 1916                  | .50    |
| 4202     | Guam Island, Marianas Islands.....        |              | 1:80,000  | 0.91                      | 29 × 31                  | 1919                  | .50    |
|          | Port Tarofoto.....                        | Guam.....    | 1:10,500  | 6.95                      |                          |                       |        |
|          | Agaña Bay.....                            | do.....      | 1:28,300  | 2.58                      |                          |                       |        |
|          | Umatac Bay.....                           | do.....      | 1:5,330   | 13.69                     |                          |                       |        |
|          | Port San Luis D'Apra.....                 | do.....      | 1:37,500  | 1.95                      |                          |                       |        |

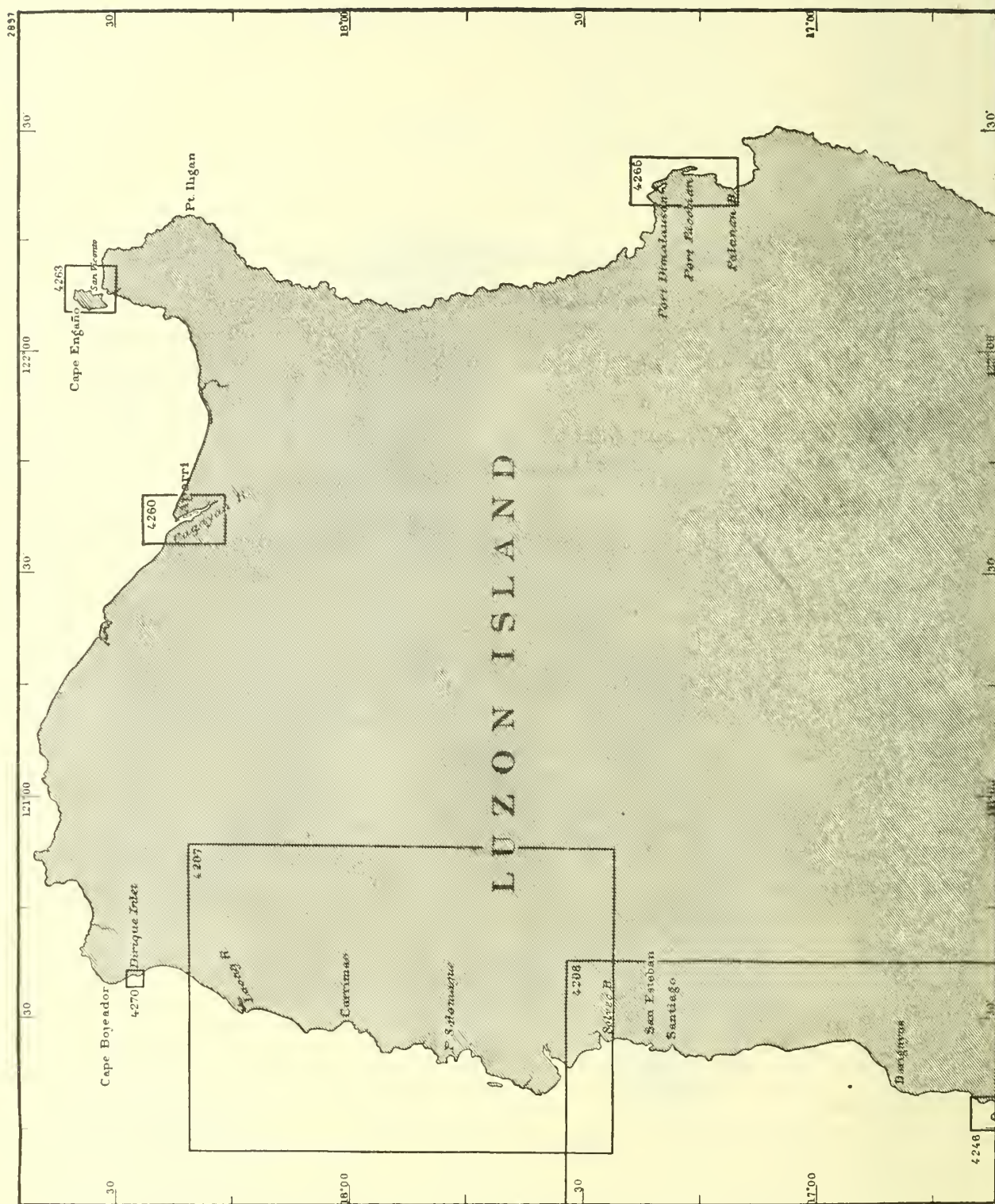


# PACIFIC OCEAN—PHILIPPINE ISLANDS.

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|          | <b>SAILING CHARTS AND GENERAL CHARTS OF THE COAST.</b>       |             |                           |                          |                       |        |
| 4200     | Philippine Islands .....                                     | 1:1,600,000 | 0.046                     | 33 × 49                  | 1918                  | \$0.50 |
| 4705     | Manila Bay to Taiwan.....                                    | 1:800,000   | 0.09                      | 28 × 44                  | 1919                  | .50    |
| 4706     | Philippine Islands, central part.....                        | 1:800,000   | 0.09                      | 27 × 40                  | 1918                  | .50    |
| 4708     | Philippine Islands, southeastern part.....                   | 1:800,000   | 0.09                      | 31 × 33                  | 1917                  | .50    |
| 4714     | Southwestern Luzon and Mindoro.....                          | 1:395,000   | 0.18                      | 32 × 39                  | 1916                  | .50    |
| 4715     | Southeastern Luzon, Masbate, and northern Samar.....         | 1:400,000   | 0.18                      | 30 × 40                  | 1917                  | .50    |
| 4716     | Palawan Island.....  | 1:400,000   | 0.18                      | 33 × 40                  | 1919                  | .50    |
| 4718     | Panay, Negros, and Cebu, with parts of Bohol and Masbate..   | 1:400,000   | 0.18                      | 31 × 41                  | 1917                  | .50    |
| 4719     | Surigao Strait and Leyte, with parts of Samar and Mindanao.. | 1:400,000   | 0.18                      | 30 × 40                  | 1915                  | .50    |
| 4720     | Balabac Strait and approaches.....                           | 1:400,000   | 0.18                      | 31 × 41                  | 1919                  | .50    |
| 4722     | Sulu Archipelago.....  | 1:400,000   | 0.18                      | 30 × 42                  | 1911                  | .50    |
| 4707     | Philippine Islands, southwestern part.....                   | 1:800,000   | 0.09                      | 31 × 41                  | 1918                  | .50    |





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|          | <b>COAST AND HARBOR CHARTS.</b>  |               |           |                           |                          |                       |        |
| 4270     | Harbors of Batan and Babuyan Islands and northern Luzon. (See page 148.) |               |           |                           | 23 × 24                  | 1908                  | \$0.30 |
|          | Part of Batan Islands.....   |               | 1:40,000  | 1.82                      |                          |                       |        |
|          | Port San Pio Quinto.....   | Camiguin..... | 1:60,000  | 1.22                      |                          |                       |        |
|          | Musa Bay.....  | Babuyan.....  | 1:30,000  | 2.43                      |                          |                       |        |
|          | Dirique Inlet.....   | Luzon.....    | 1:10,000  | 7.30                      |                          |                       |        |
| 4263     | Port San Vicente and vicinity.....                                       | do.....       | 1:20,000  | 3.65                      | 25 × 27                  | 1916                  | .20    |
| 4260     | Aparri Anchorage and part of Cagayan River:.....                         | do.....       | 1:25,000  | 2.92                      | 20 × 33                  | 1915                  | .30    |
| 4207     | Laoag to Vigan.....  | do.....       | 1:100,000 | 0.73                      | 31 × 41                  | 1906                  | .40    |
|          | Port Currimao and Gan Bay.....   |               | 1:20,000  | 3.65                      |                          |                       |        |
|          | Salomague Harbor and Lapog Bay.....                                      |               | 1:20,000  | 3.65                      |                          |                       |        |
| 4208     | Solvec Cove to San Fernando.....   | Luzon.....    | 1:100,000 | 0.73                      | 31 × 42                  | 1906                  | .40    |
|          | Solvec Cove.....   |               | 1:10,000  | 7.30                      |                          |                       |        |
|          | San Esteban and Nalvo Bay.....   |               | 1:20,000  | 3.65                      |                          |                       |        |
|          | Santiago Cove.....   |               | 1:10,000  | 7.30                      |                          |                       |        |
|          | Darigayos Inlet.....   |               | 1:10,000  | 7.30                      |                          |                       |        |



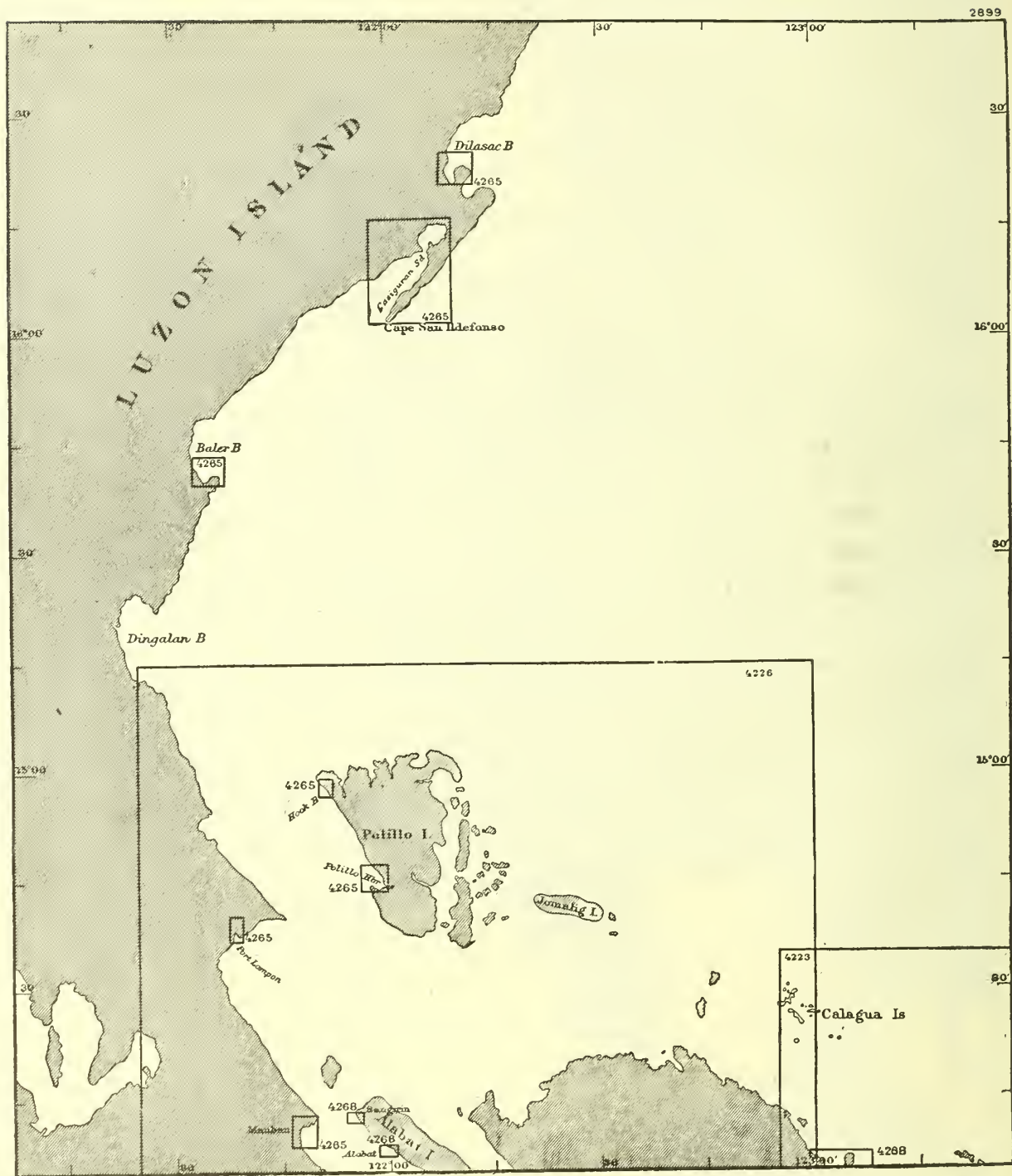




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|          | COAST AND HARBOR CHARTS—Continued.                   |            |           |                                 |                                   |                             |        |
| 4246     | San Fernando Harbor.....                             | Luzon..... | 1:15,000  | 4.86                            | 25 × 28                           | 1906                        | \$0.20 |
| 4209     | Lingayen Gulf.....                                   | do.....    | 1:100,000 | 0.73                            | 31 × 42                           | 1912                        | .40    |
|          | Dagupan.....   |            | 1:20,000  | 3.65                            |                                   |                             |        |
| 4239     | Port Sual to Comas Island.....                       | Luzon..... | 1:15,000  | 4.86                            | 23 × 38                           | 1904                        | .30    |
| 4238     | Bolinao Harbor and approaches.....                   | do.....    | 1:20,000  | 3.65                            | 35 × 36                           | 1912                        | .40    |
| 4210     | Capones Island to Dasol Bay.....                     | do.....    | 1:125,000 | 0.60                            | 24 × 41                           | 1915                        | .40    |
|          | Santa Cruz Inner Harbor.....                         |            | 1:30,000  | 2.43                            |                                   |                             |        |
|          | Iba Anchorage.....                                   |            | 1:30,000  | 2.43                            |                                   |                             |        |
| 4266     | Ports Masinloc and Matalvi and Palauig Bay.          | Luzon..... | 1:25,000  | 2.92                            | 29 × 32                           | 1907                        | .30    |
| 4235     | Pasig River.....                                     | do.....    | 1:10,000  | 7.30                            | 26 × 42                           | 1913                        | .30    |
| 4236     | Manila and Cavite Harbors.....                       | do.....    |           |                                 | 21 × 35                           | 1919                        | .30    |
|          | Manila Harbor.....                                   |            | 1:10,000  | 7.30                            |                                   |                             |        |
|          | Cavite Harbor.....                                   |            | 1:10,000  | 7.30                            |                                   |                             |        |
| 4255     | Manila Bay and Coast of Luzon to Capones<br>Islands. | Luzon..... | 1:125,000 | 0.60                            | 27 × 37                           | 1916                        | .40    |
|          | Mariveles Harbor.....                                |            | 1:20,000  | 7.30                            |                                   |                             |        |

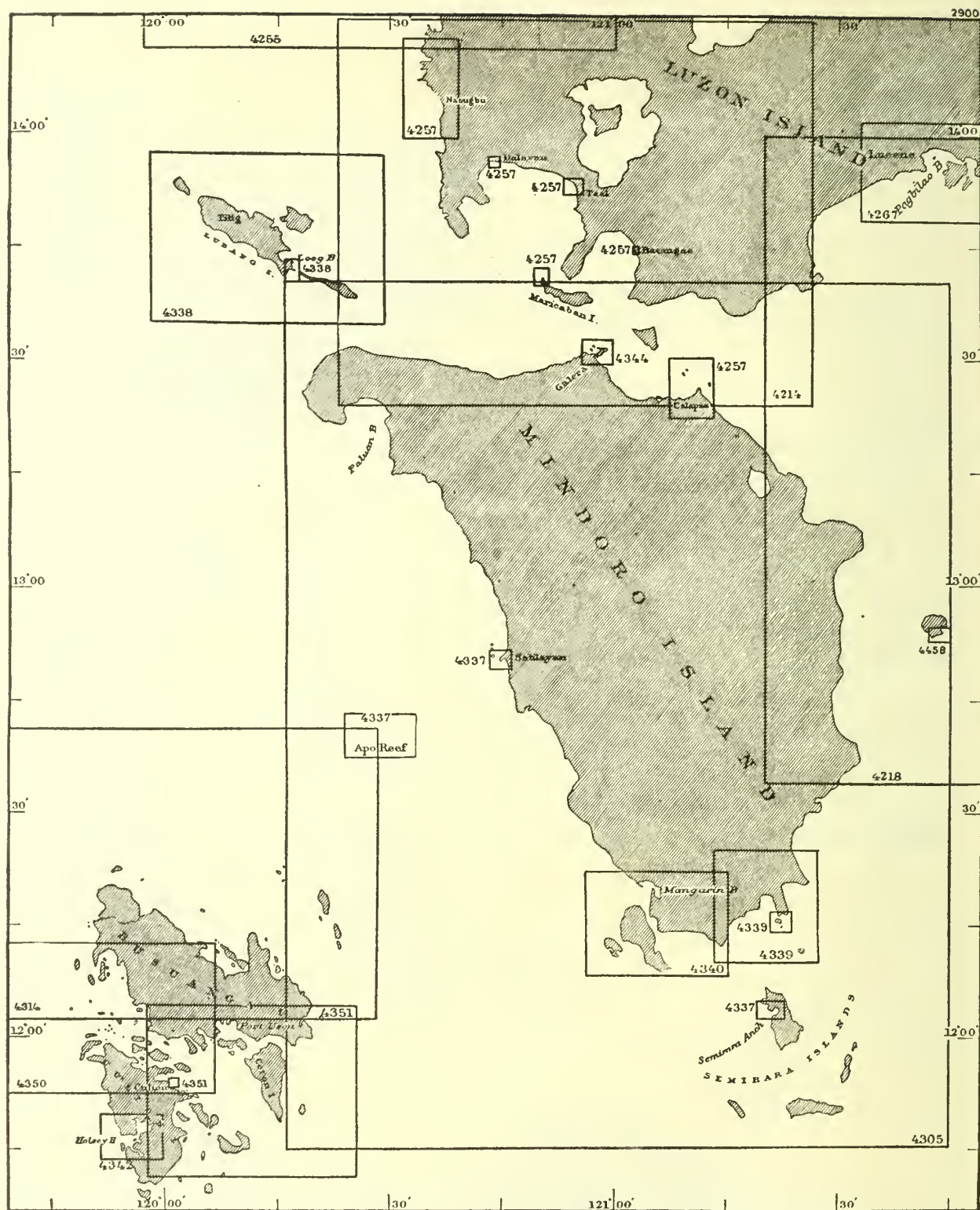


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|          | COAST AND HARBOR CHARTS—Continued.                |             |           |                           |                          |                       |         |
| 4265     | Harbors on east coast of Luzon. ....              | Luzon. .... |           |                           | 25 × 36                  | 1909                  | \$0. 30 |
|          | Port Dimalansan and Port Bicobian (see page 144). |             | 1:60,000  | 1. 22                     |                          |                       |         |
|          | West Dilasac Bay.....                             |             | 1:50,000  | 1. 46                     |                          |                       |         |
|          | Casiguran Bay.....                                |             | 1:80,000  | 0. 91                     |                          |                       |         |
|          | Baler Bay.....                                    |             | 1:50,000  | 1. 46                     |                          |                       |         |
|          | Hook Bay.....                                     |             | 1:20,000  | 3. 65                     |                          |                       |         |
|          | Polillo Harbor.....                               |             | 1:30,000  | 2. 43                     |                          |                       |         |
|          | Port Lampon.....                                  |             | 1:20,000  | 3. 65                     |                          |                       |         |
|          | Mauban Anchorage.....                             |             | 1:20,000  | 3. 65                     |                          |                       |         |
|          | Port Apat, Caloag Bay (see page 152)....          |             | 1:20,000  | 3. 65                     |                          |                       |         |
| 4226     | Lamon Bay and Polillo Island.....                 |             | 1:200,000 | 0. 36                     | 31 × 35                  | 1918                  | . 50    |



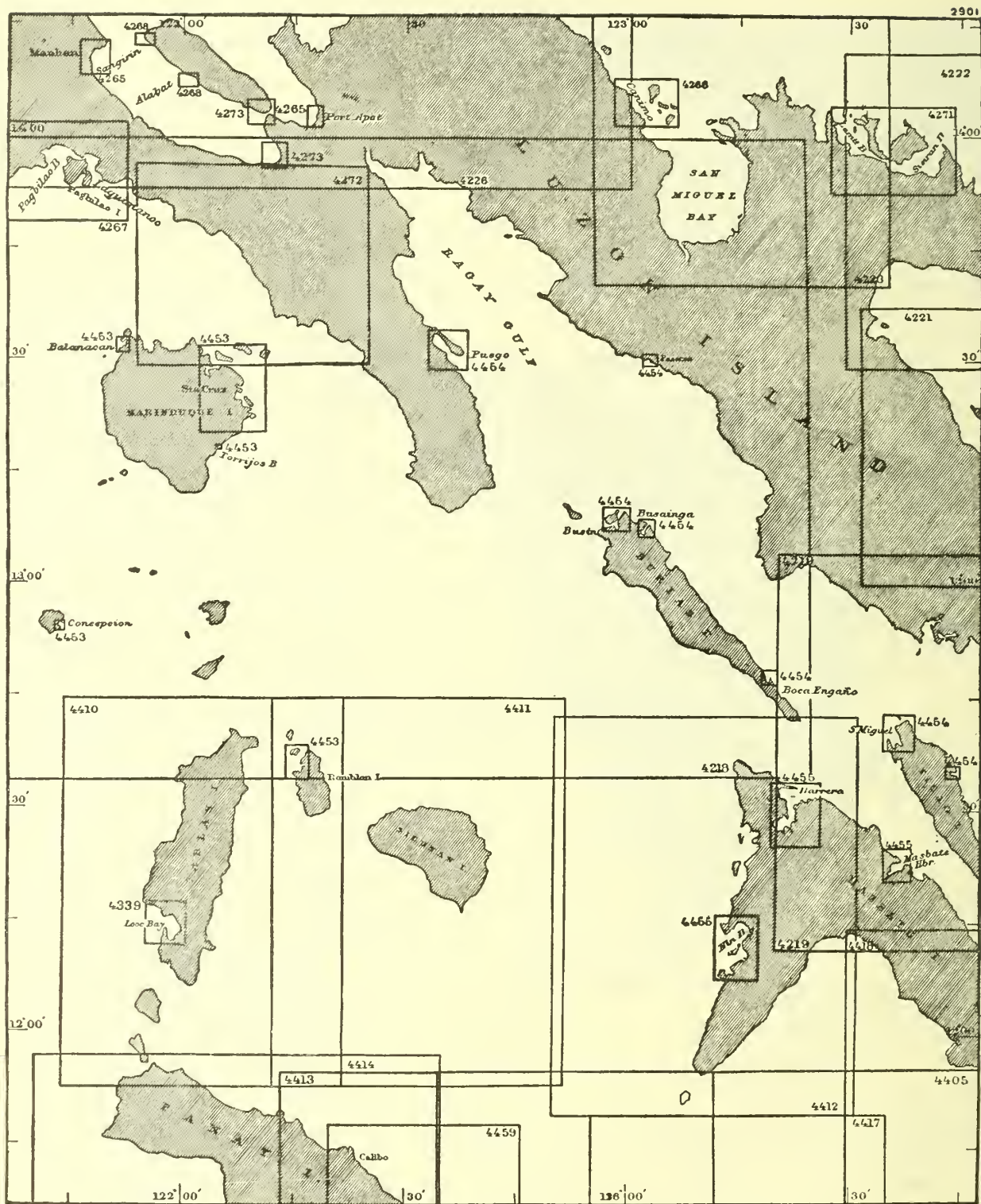


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|          | COAST AND HARBOR CHARTS—Continued.                   |                 |           |                           |                          |                       |        |
| 4214     | Verde Island Passage.....                            |                 | 1:125,000 | 0.58                      | 31 × 37                  | 1915                  | \$0.40 |
| 4305     | Mindoro and vicinity.....                            |                 | 1:200,000 | 0.36                      | 33 × 43                  | 1919                  | .50    |
| 4351     | Coron Bay.....                                       | Calamian Group. | 1:50,000  | 1.46                      | 33 × 41                  | 1916                  | .40    |
|          | Culion Landing.....                                  |                 | 1:20,000  | 3.65                      |                          |                       |        |
| 4344     | Port Galera and Varadero Bay.....                    | Mindoro.....    | 1:10,000  | 7.30                      | 29 × 35                  | 1910                  | .30    |
| 4340     | Mangarin and Pandarochan Bays.....                   | do.....         | 1:40,000  | 1.58                      | 26 × 30                  | 1911                  | .30    |
| 4342     | Halsey Harbor.....                                   | Culion.....     | 1:20,000  | 3.65                      | 23 × 32                  | 1906                  | .30    |
| 4257     | Anchorage, vicinity of Verde Island Passage.....     |                 |           |                           | 28 × 36                  | 1907                  | .30    |
|          | Nasugbu and Hamelo Cove.....                         | Luzon.....      | 1:50,000  | 1.46                      |                          |                       |        |
|          | Balayan, Balayan Bay.....                            | do.....         | 1:10,000  | 7.30                      |                          |                       |        |
|          | Taal and Lemery, Balayan Bay.....                    | do.....         | 1:10,000  | 7.30                      |                          |                       |        |
|          | Batangas, Batangas Bay.....                          | do.....         | 1:15,000  | 4.86                      |                          |                       |        |
|          | Port Maricaban, Verde Island Passage...              | Maricaban.....  | 1:10,000  | 7.30                      |                          |                       |        |
|          | Calapan, Verde Island Passage.....                   | Mindoro.....    | 1:40,000  | 1.82                      |                          |                       |        |
| 4337     | Anchorage west and south of Mindoro.....             | do.....         |           |                           | 28 × 36                  | 1916                  | .30    |
|          | Apo Reef.....  |                 | 1:20,000  | 3.65                      |                          |                       |        |
|          | Sablayan Anchorage and Pandan Bay...                 |                 | 1:20,000  | 3.65                      |                          |                       |        |
|          | Semerara Anchorage.....                              |                 | 1:20,000  | 3.65                      |                          |                       |        |
| 4338     | Lubang Islands.....                                  |                 | 1:60,000  | 1.22                      | 28 × 38                  | 1914                  | .30    |
|          | Golo Pass.....                                       |                 | 1:20,000  | 3.65                      |                          |                       |        |
| 4339     | Anchorage in southeastern Mindoro and Tablas Island. |                 |           |                           | 25 × 37                  | 1912                  | .30    |
|          | Looc Bay (see p. 152).....                           | Tablas.....     | 1:40,000  | 1.82                      |                          |                       |        |
|          | Lagara Cove and Passes southward.....                | Mindoro.....    | 1:20,000  | 3.65                      |                          |                       |        |
|          | Burun Point to Pocanil Bay.....                      | do.....         | 1:40,000  | 1.82                      |                          |                       |        |
| 4350     | Western entrance to Coron Bay.....                   | Calamian Group. | 1:50,000  | 1.46                      | 30 × 39                  | 1919                  | .40    |
| 4314     | Northern part of Busuanga.....                       |                 | 1:100,000 | 0.73                      | 31 × 42                  | 1919                  | .40    |



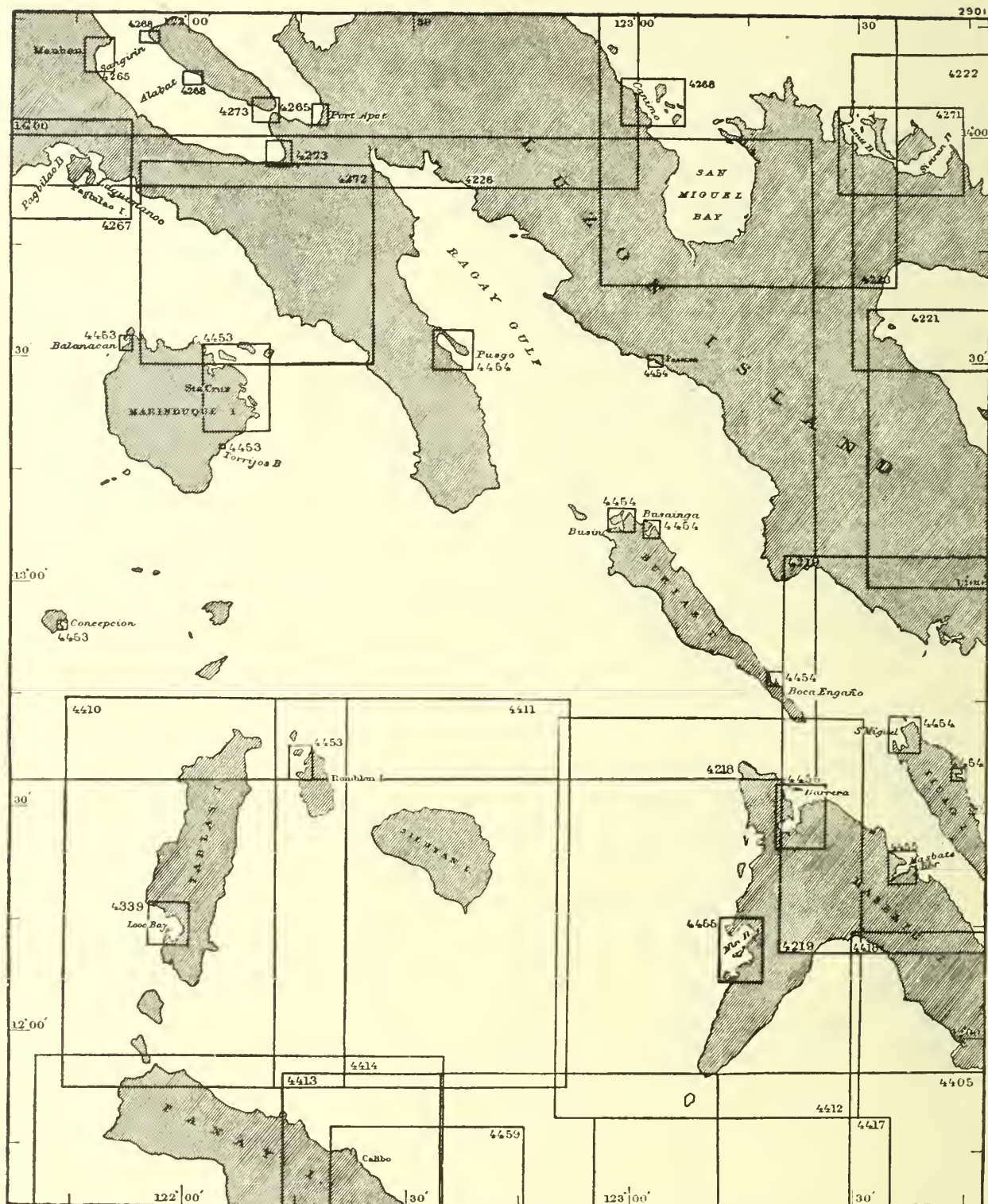




PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

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|          | COAST AND HARBOR CHARTS—Continued.                                  |                   |           |                           |                          |                       |         |
| 4453     | Harbors of Marinduque Island and vicinity.....                      |                   |           |                           | 29 × 37                  | 1913                  | \$0. 30 |
|          | Port Balanacan, northwest coast.....                                | Marinduque....    | 1:10,000  | 7. 30                     |                          |                       |         |
|          | Santa Cruz Harbor and Masagasai Bay, northeast coast.....           | .....do.....      | 1:30,000  | 2. 43                     |                          |                       |         |
|          | Torrijos Bay, east coast.....                                       | .....do.....      | 1:5,000   | 14. 59                    |                          |                       |         |
|          | Port Concepcion.....  | Maestro de Campo. | 1:10,000  | 7. 30                     |                          |                       |         |
|          | Romblon Harbor.....   | Romblon.....      | 1:10,000  | 7. 30                     |                          |                       |         |
| 4454     | Harbors on Burias and Ticao Islands and Ragay Gulf.....             |                   |           |                           | 27 × 31                  | 1914                  | . 30    |
|          | Port Pusgo, Ragay Gulf.....   | Luzon.....        | 1:30,000  | 2. 43                     |                          |                       |         |
|          | Pasacao Anchorage, Ragay Gulf.....                                  | .....do.....      | 1:20,000  | 3. 65                     |                          |                       |         |
|          | Port Busin, north coast.....  | Burias.....       | 1:20,000  | 3. 65                     |                          |                       |         |
|          | Port Busainga, northeast coast.....                                 | .....do.....      | 1:15,000  | 4. 86                     |                          |                       |         |
|          | Port Boca Engaño, southeast coast.....                              | .....do.....      | 1:10,000  | 7. 30                     |                          |                       |         |
|          | Port San Miguel, north coast.....                                   | Ticao.....        | 1:30,000  | 2. 43                     |                          |                       |         |
|          | San Jacinto, east coast.....  | .....do.....      | 1:20,000  | 3. 65                     |                          |                       |         |
| 4267     | Lucena Anchorage, Pagbilao and Laguimanoc Bays (see also page 152). | Luzon.....        | 1:40,000  | 1. 82                     | 25 × 35                  | 1907                  | . 30    |
| 4410     | Tablas Island and vicinity.....                                     |                   | 1:100,000 | 0. 73                     | 28 × 38                  | 1913                  | . 40    |
| 4411     | Sibuyan and Romblon Islands.....                                    |                   | 1:100,000 | 0. 73                     | 29 × 39                  | 1914                  | . 40    |
| 4412     | Western Masbate.....  |                   | 1:100,000 | 0. 73                     | 30 × 40                  | 1917                  | . 40    |
| 4414     | Northwestern Panay.....   |                   | 1:100,000 | 0. 73                     | 33 × 40                  | 1917                  | . 40    |



PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHIC ARRANGEMENT—CONTINUED.

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|          | COAST AND HARBOR CHARTS—Continued.                 |                       |            |                                 |                                   |                             |         |
| 4455     | Harbors on coast of Masbate .....                  |                       |            |                                 | 28 × 37                           | 1917                        | \$0. 30 |
|          | Port Barrera, north coast.....                     |                       | 1:30, 000  | 2. 43                           |                                   |                             |         |
|          | Masbate Harbor, northeast coast (see page<br>156). |                       | 1:20, 000  | 3. 65                           |                                   |                             |         |
|          | Port Cataingan, southeast coast (see page<br>156). |                       | 1:30, 000  | 2. 43                           |                                   |                             |         |
|          | Nin Bay, west coast.....                           |                       | 1:30, 000  | 2. 43                           |                                   |                             |         |
| 4223     | San Miguel and Lamit Bays (see also page 148).     | Luzon.....            | 1:100, 000 | 0. 73                           | 29 × 41                           | 1913                        | . 40    |
| 4268     | Harbors from Alabat to Pitogo Bay .....            |                       |            |                                 | 26 × 30                           | 1909                        | . 30    |
|          | Port Alabat, southwest coast .....                 | Alabat.....           | 1:20, 000  | 3. 65                           |                                   |                             |         |
|          | Sangirin Bay, northwest coast.....                 | do.....               | 1:20, 000  | 3. 65                           |                                   |                             |         |
|          | Tabgon Anchorage, east coast (see page<br>158).    | Luzon.....            | 1:30, 000  | 2. 43                           |                                   |                             |         |
|          | Canimo Pass and Mercedes, east coast....           | do.....               | 1:25, 000  | 2. 92                           |                                   |                             |         |
|          | Pitogo Bay, east coast (see page 158)....          | do.....               | 1:15, 000  | 4. 86                           |                                   |                             |         |
| 4271     | Lamit and Sisiran Bays .....                       | do.....               | 1:30, 000  | 2. 43                           | 30 × 41                           | 1909                        | . 30    |
| 4272     | Unisan to Mulanay and northern part Marinduque.    | Luzon and Marinduque. | 1:70, 000  | 1. 04                           | 28 × 38                           | 1910                        | . 30    |
| 4218     | Ragay Gulf to Tayabas Bay.....                     | Luzon.....            | 1:200, 000 | 0. 36                           | 32 × 42                           | 1917                        | . 50    |
| 4273     | Silangan Pass and Hondagua Harbor.....             | do.....               | 1:20, 000  | 3. 65                           | 17 × 32                           | 1913                        | . 20    |





# PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

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|          | COAST AND HARBOR CHARTS—Continued.  |                      |           |                           |                          |                       |        |
| 4222     | Lagonoy Gulf to Lamit Bay and Calandunes Island (see also page 154).      | Luzon.....           | 1:100,000 | 0.73                      | 32 × 43                  | 1909                  | \$0.40 |
| 4221     | Albay Gulf and part of Lagonoy Gulf (see also page 154).                  | .....do.....         | 1:100,000 | 0.73                      | 27 × 40                  | 1911                  | .50    |
| 4237     | Tabaco Bay to Legaspi and western part of Albay Gulf.                     | .....do.....         | 1:40,000  | 1.82                      | 32 × 41                  | 1908                  | .30    |
| 4259     | Rapurapu Strait and Calanaga Bay.....                                     | Batan and Rapurapu.  | 1:30,000  | 2.43                      | 23 × 31                  | 1906                  | .30    |
| 4219     | Passages between Luzon and Masbate, and Sorsogon Bay (see also page 154). | .....do.....         | 1:100,000 | 0.73                      | 32 × 39                  | 1910                  | .40    |
| 4258     | {Matnog Bay and Ticlin Strait.....  | Luzon.....           | 1:30,000  | 2.43                      | } 18 × 26                | 1916                  | .20    |
|          | {Port Gubat.....  | .....do.....         | 1:20,000  | 3.65                      |                          |                       |        |
| 4220     | San Bernardino Strait.....  | Luzon and Samar.     | 1:100,000 | 0.73                      | 30 × 41                  | 1917                  | .40    |
|          | Biri Anchorage.....   | .....do.....         | 1:20,000  | 3.65                      | .....                    | .....                 | .....  |
|          | Mauo River.....   | .....do.....         | 1:10,000  | 7.30                      | .....                    | .....                 | .....  |
| 4449     | Port Palapag and Laoang Bay.....  | Samar.....           | 1:40,000  | 1.82                      | 32 × 33                  | 1911                  | .30    |
| 4418     | Southeast Masbate (see also pages 154 and 156).                           | .....do.....         | 1:100,000 | 0.73                      | 30 × 41                  | 1915                  | .40    |
| 4420     | Calbayog to Tacloban (see also page 168)....                              | S a m a r and Leyte. | 1:100,000 | 0.73                      | 29 × 42                  | 1914                  | .40    |
|          | Catbalogan Harbor.....  | .....do.....         | 1:35,000  | 2.08                      | .....                    | .....                 | .....  |
| 4421     | Catarman to Oras Bay.....   | Samar.....           | 1:100,000 | 0.73                      | 30 × 42                  | 1908                  | .40    |
|          | Helm Harbor and Ramon Bay.....  | .....do.....         | 1:25,000  | 2.90                      | .....                    | .....                 | .....  |
| 4422     | Oras Bay to Matarinao Bay (see also page 168).                            | Samar.....           | 1:100,000 | 0.73                      | 29 × 41                  | 1908                  | .40    |
|          | Port Libas.....   | .....do.....         | 1:30,000  | 2.43                      | .....                    | .....                 | .....  |
|          | Port Borongan.....  | .....do.....         | 1:30,000  | 2.43                      | .....                    | .....                 | .....  |
|          | Llorente and vicinity.....  | .....do.....         | 1:30,000  | 2.43                      | .....                    | .....                 | .....  |



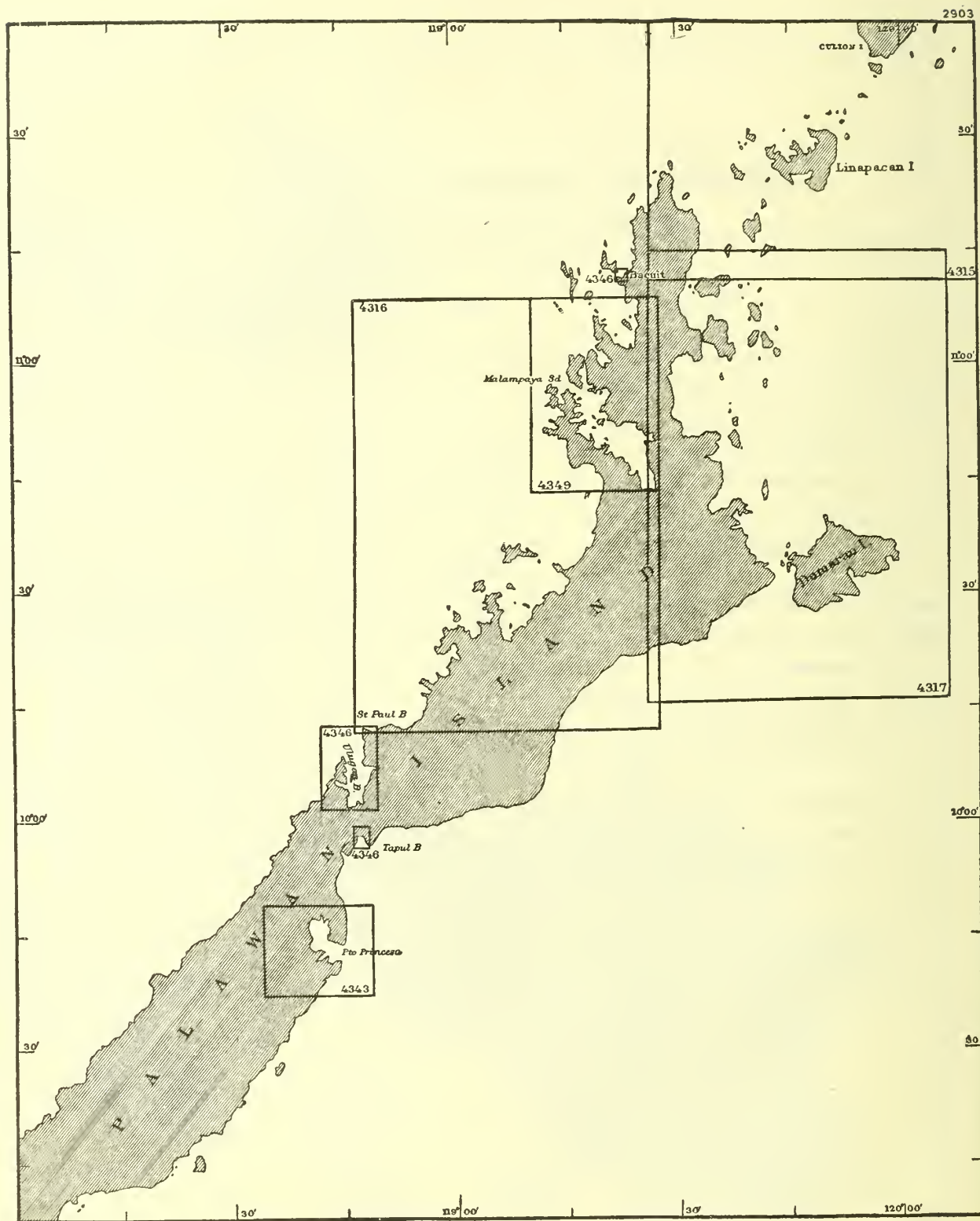




PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

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|          | COAST AND HARBOR CHARTS—Continued.     |                    |          |                           |                          |                       |        |
| 4456     | Harbors of Samar and Leyte .....       |                    |          |                           | 24 × 28                  | 1914                  | \$0.30 |
|          | Jibatan River, west coast .....        | Samar .....        | 1:50,000 | 1.46                      |                          |                       |        |
|          | Santo Niño .....                       | Santo Niño .....   | 1:5,000  | 14.59                     |                          |                       |        |
|          | Parasan Harbor .....                   | Daram .....        | 1:10,000 | 7.30                      |                          |                       |        |
|          | Biliran Strait .....                   | Leyte and Biliran. | 1:20,000 | 3.65                      |                          |                       |        |
|          | Port Palompon (see page 168) .....     | Leyte .....        | 1:10,000 | 7.30                      |                          |                       |        |
| 4269     | Harbors of Catanduanes .....           |                    |          |                           | 24 × 27                  | 1909                  | .30    |
|          | Cabugao Bay, south coast .....         |                    | 1:50,000 | 1.46                      |                          |                       |        |
|          | Bagamanoc and Anajao, east coast ..... |                    | 1:30,000 | 2.43                      |                          |                       |        |
|          | Cobo Bay, west coast .....             |                    | 1:20,000 | 3.65                      |                          |                       |        |
|          | Port Manambag, west coast .....        |                    | 1:20,000 | 3.65                      |                          |                       |        |
|          | Pandan Bay, north coast .....          |                    | 1:30,000 | 2.43                      |                          |                       |        |
|          | Jimoto Bay, east coast .....           |                    | 1:20,000 | 3.65                      |                          |                       |        |
|          | Kalapadan Bay, east coast .....        |                    | 1:30,000 | 2.43                      |                          |                       |        |

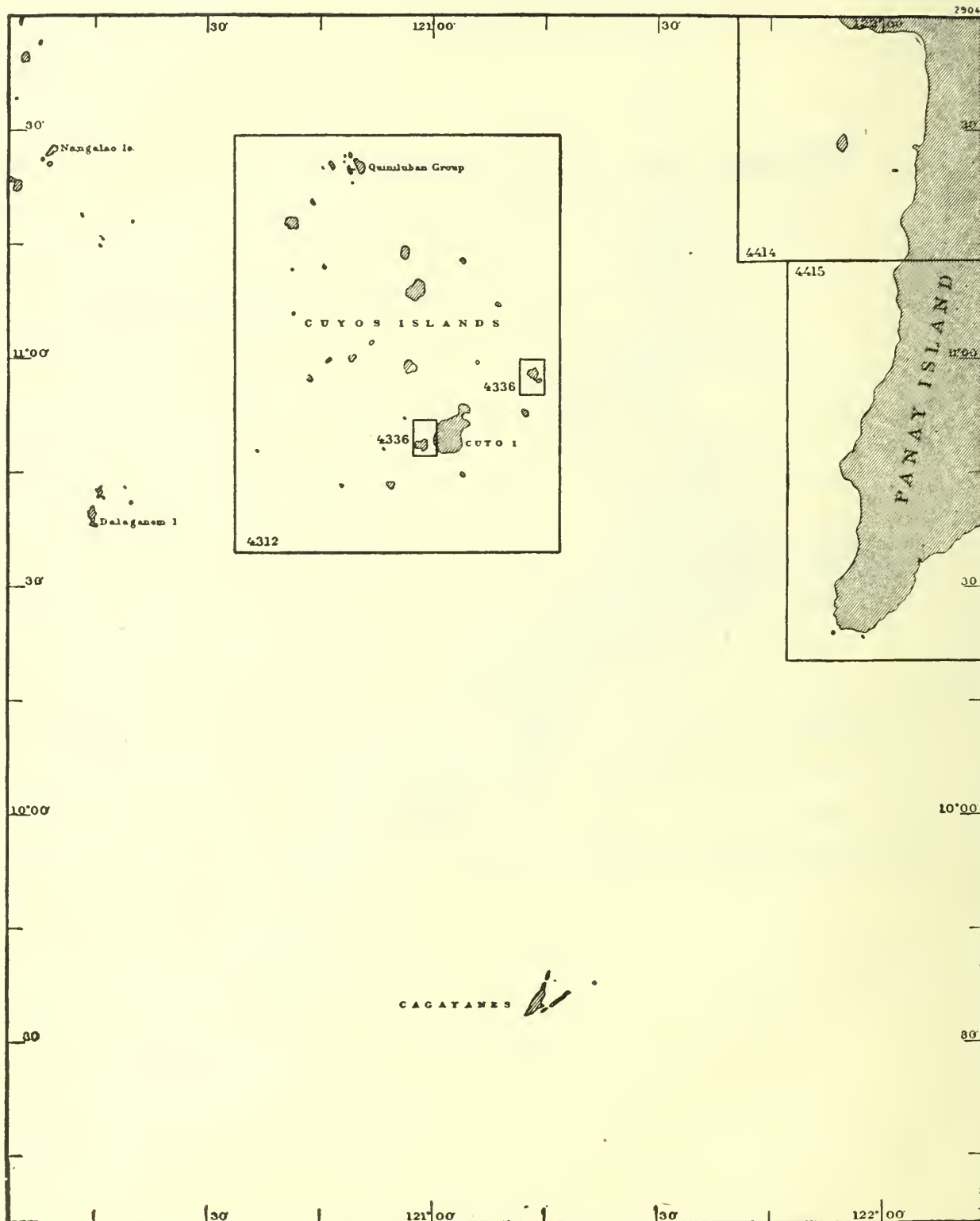


# PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

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|          | COAST AND HARBOR CHARTS—Continued.                           |              |           |                           |                          |                       |        |
| 4343     | Puerto Princesa .....  | Palawan..... | 1:40,000  | 1.82                      | 22 × 27                  | 1917                  | \$0.30 |
| 4346     | Harbors of Palawan Island .....                              |              |           |                           | 26 × 37                  | 1905                  | .30    |
|          | Bacuit, northeast coast .....                                |              | 1:15,000  | 4.86                      |                          |                       |        |
|          | Ulugan Bay, west coast.....                                  |              | 1:30,000  | 2.43                      |                          |                       |        |
|          | Malanut and Nakoda Bays, west coast (see page 170).          |              | 1:30,000  | 2.43                      |                          |                       |        |
|          | Culasian Bay, west coast (see page 170) ..                   |              | 1:20,000  | 3.65                      |                          |                       |        |
|          | San Antonio Bay, southeast coast (see page 170).             |              | 1:100,000 | 0.73                      |                          |                       |        |
|          | Tapul Bay, east coast, part of .....                         |              | 1:20,000  | 3.65                      |                          |                       |        |
| 4316     | Northwest coast of Palawan, Malampaya Sound to St. Paul Bay. |              | 1:100,000 | 0.73                      | 31 × 43                  | 1905                  | .40    |
| 4349     | Malampaya Sound and approaches .....                         | Palawan..... | 1:50,000  | 1.46                      | 25 × 38                  | 1908                  | .40    |
| 4315     | Palawan to Culion Island, including Linapacan Strait.        |              | 1:100,000 | 0.73                      | 32 × 41                  | 1917                  | .40    |
| 4317     | Northeast coast of Palawan, Shark Fin Bay to Flechas Point.  | Palawan..... | 1:100,000 | 0.73                      | 31 × 44                  | 1918                  | .40    |

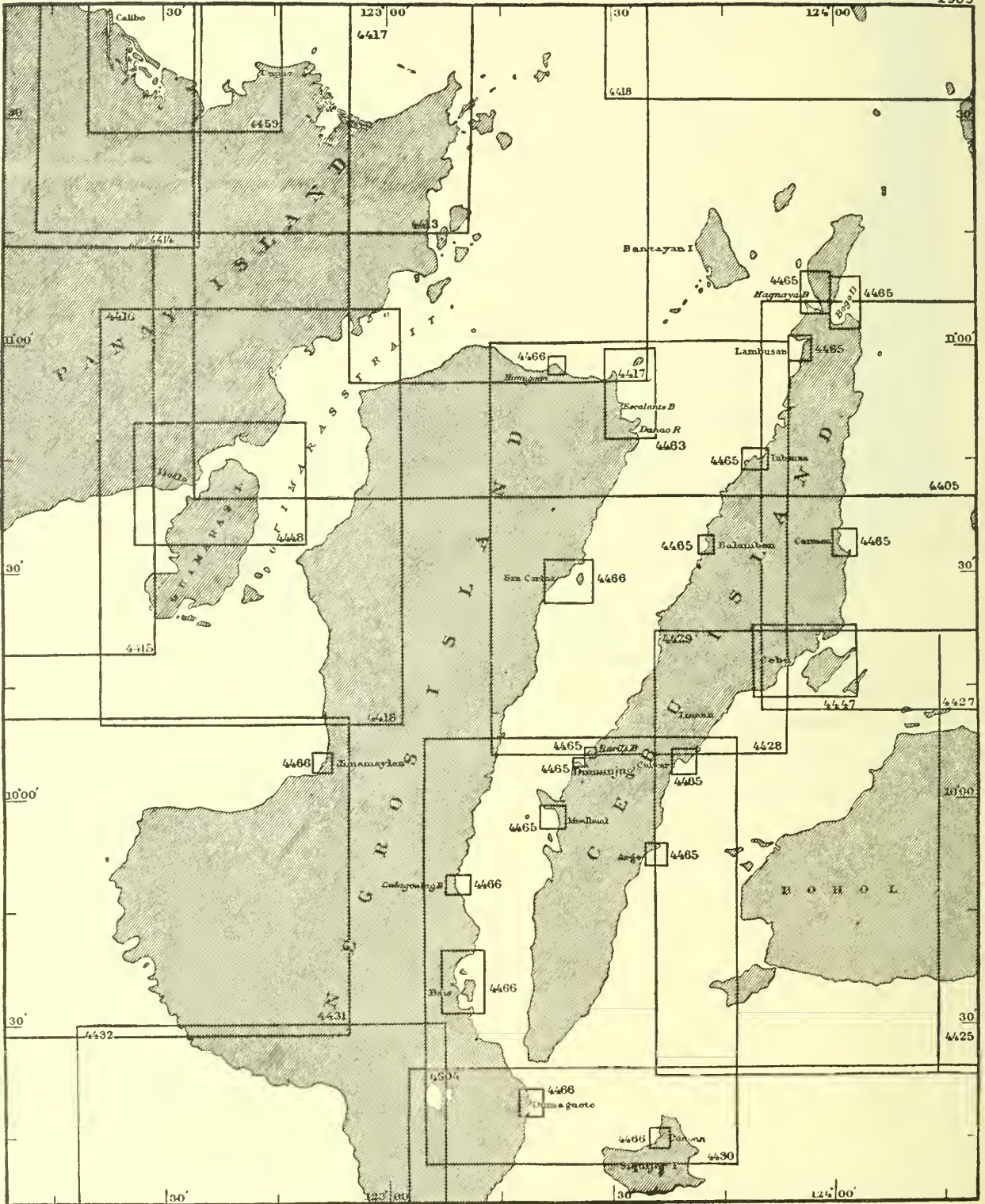




PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

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|          | COAST AND HARBOR CHARTS—Continued.               |         |           |                           |                          |                       |        |
| 4415     | Southwestern Panay (see also page 166) . . . . . |         | 1:100,000 | 0.73                      | 30 × 40                  | 1913                  | \$0.40 |
| 4312     | Cuyo Islands . . . . .                           |         | 1:100,000 | 0.73                      | 31 × 41                  | 1918                  | .40    |
| 4336     | Anchorage in Cuyo Islands . . . . .              |         |           |                           | 30 × 34                  | 1918                  | .30    |
|          | Taganayan Islands . . . . .                      |         | 1:10,000  | 7.30                      |                          |                       |        |
|          | Cuyo Anchorage and Bisucay Channel . . . . .     |         | 1:10,000  | 7.30                      |                          |                       |        |





# PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

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|          | COAST AND HARBOR CHARTS—Continued.                                 |                     |           |                           |                          |                       |        |
| 4405     | Visayan Sea.....   |                     | 1:200,000 | 0.36                      | 23 × 41                  | 1914                  | \$0.50 |
| 4459     | Capiz to Calibo (see also page 152).....                           | Panay.....          | 1:50,000  | 1.46                      | 29 × 38                  | 1906                  | .30    |
| 4417     | Northeast coast of Panay and adjacent islands (see also page 152). |                     | 1:100,000 | 0.73                      | 31 × 42                  | 1911                  | .40    |
| 4416     | Iloilo and Guimaras Straits.....                                   | Panay and Guimaras. | 1:100,000 | 0.73                      | 30 × 41                  | 1919                  | .40    |
| 4448     | Iloilo Strait and Harbor.....                                      | Panay.....          | 1:50,000  | 1.46                      | 24 × 32                  | 1919                  | .30    |
|          | Iloilo River.....  |                     | 1:10,000  | 7.30                      |                          |                       |        |
|          | Santa Ana Bay.....   |                     | 1:25,000  | 2.92                      |                          |                       |        |
| 4428     | Northern part of Tañon Strait.....                                 | Negros and Cebu.    | 1:100,000 | 0.73                      | 29 × 40                  | 1911                  | .40    |
| 4447     | Cebu Harbor and approaches.....                                    | Cebu.....           | 1:30,000  | 2.43                      | 23 × 35                  | 1910                  | .30    |
|          | Cebu Anchorage.....  |                     | 1:10,000  | 7.30                      |                          |                       |        |
| 4463     | Escalante Harbor and vicinity.....                                 | Negros.....         | 1:20,000  | 3.65                      | 30 × 43                  | 1909                  | .30    |
| 4413     | Northern Panay, Sigat Point to Bulacaue Point.                     |                     | 1:100,000 | 0.73                      | 34 × 42                  | 1919                  | .40    |
|          | Capiz.....   |                     | 1:30,000  | 2.43                      |                          |                       |        |
|          | Port Batan.....  |                     | 1:30,000  | 2.43                      |                          |                       |        |
| 4429     | Western Bohol.....   | Bohol.....          | 1:100,000 | 0.73                      | 30 × 44                  | 1911                  | .40    |
| 4430     | Tañon Strait, southern part.....                                   | Cebu and Negros.    | 1:100,000 | 0.73                      | 31 × 42                  | 1911                  | .40    |
| 4432     | Southwestern Negros.....   |                     | 1:100,000 | 0.73                      | 27 × 35                  | 1913                  | .40    |
| 4431     | Western Negros.....  |                     | 1:100,000 | 0.73                      | 32 × 36                  | 1914                  | .40    |



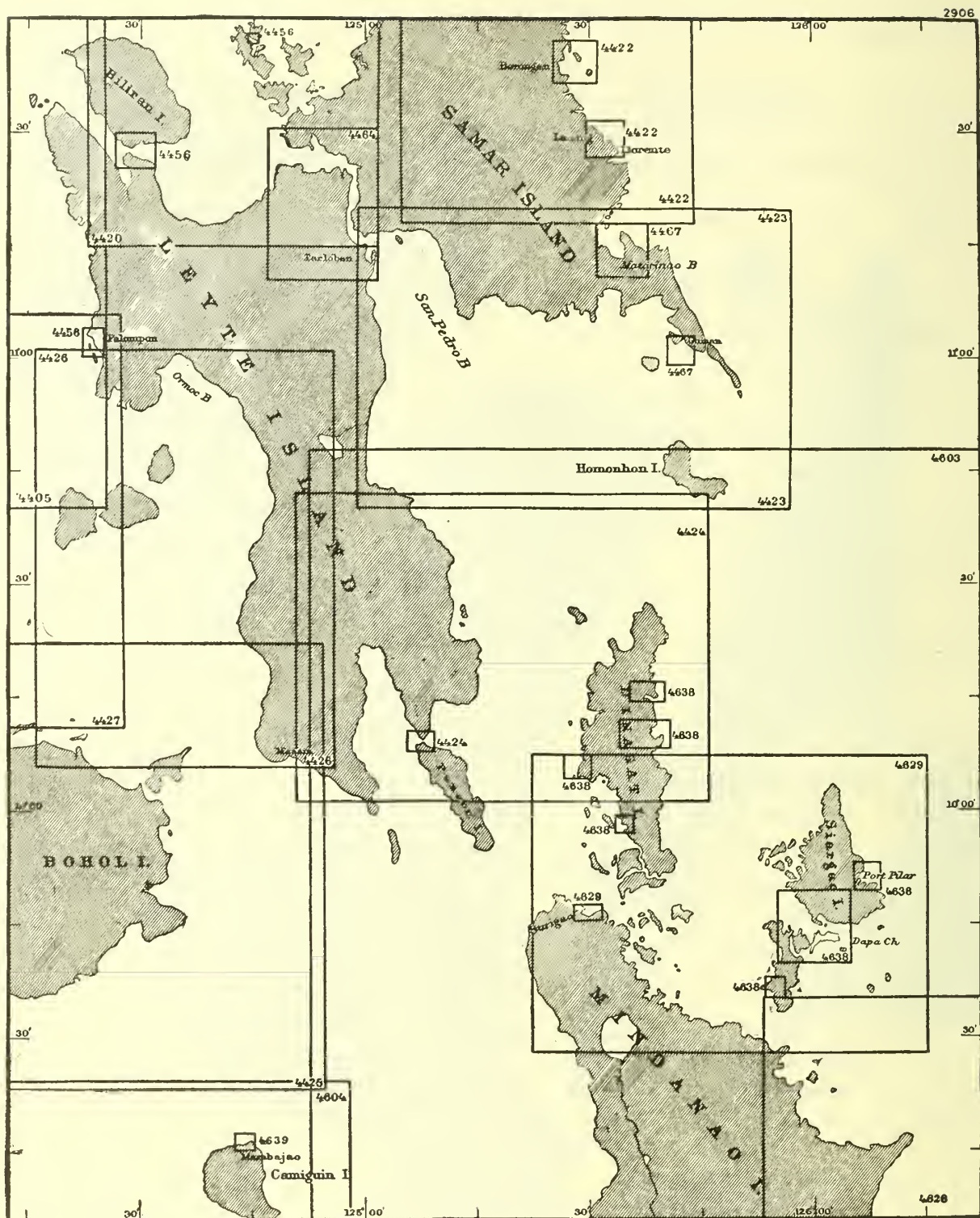


PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

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|          | COAST AND HARBOR CHARTS—Continued.  |               |           |                                 |                                   |                             |         |
| 4465     | Harbors in Cebu.....                |               |           |                                 | 25 × 32                           | 1912                        | \$0. 30 |
|          | Hagnaya Bay.....                    |               | 1:30,000  | 2. 43                           |                                   |                             |         |
|          | Tuburan.....                        |               | 1:30,000  | 2. 43                           |                                   |                             |         |
|          | Balamban Bay.....                   |               | 1:30,000  | 2. 43                           |                                   |                             |         |
|          | Lambusan Bay.....                   |               | 1:30,000  | 2. 43                           |                                   |                             |         |
|          | Dumanjug Bay.....                   |               | 1:20,000  | 3. 65                           |                                   |                             |         |
|          | Moalbual Bay.....                   |               | 1:20,000  | 3. 65                           |                                   |                             |         |
|          | Argao.....                          |               | 1:25,000  | 2. 92                           |                                   |                             |         |
|          | Bogo Bay.....                       |               | 1:30,000  | 2. 43                           |                                   |                             |         |
|          | Carcar Bay.....                     |               | 1:15,000  | 4. 86                           |                                   |                             |         |
|          | Port Carmen.....                    |               | 1:15,000  | 4. 86                           |                                   |                             |         |
|          | Barili Bay.....                     |               | 1:15,000  | 4. 86                           |                                   |                             |         |
| 4427     | East coast of Cebu.....             | Cebu.....     | 1:100,000 | . 73                            | 28 × 40                           | 1910                        | . 40    |
| 4466     | Harbors in Negros and vicinity..... |               |           |                                 | 32 × 37                           | 1911                        | . 30    |
|          | Dumaguete.....                      | Negros.....   | 1:10,000  | 7. 30                           |                                   |                             |         |
|          | Himugaan River.....                 | do.....       | 1:15,000  | 4. 86                           |                                   |                             |         |
|          | Calagcalag Bay.....                 | do.....       | 1:10,000  | 7. 30                           |                                   |                             |         |
|          | Port Canoan.....                    | Siquijor..... | 1:5,000   | 14. 59                          |                                   |                             |         |
|          | Port Bombonon.....                  | Negros.....   | 1:10,000  | 7. 30                           |                                   |                             |         |
|          | Refugio Pass.....                   | do.....       | 1:35,000  | 2. 08                           |                                   |                             |         |
|          | Bais.....                           | do.....       | 1:30,000  | 2. 43                           |                                   |                             |         |
|          | Port Siyt.....                      | do.....       | 1:10,000  | 7. 30                           |                                   |                             |         |
|          | Himamaylan.....                     | do.....       | 1:20,000  | 3. 65                           |                                   |                             |         |

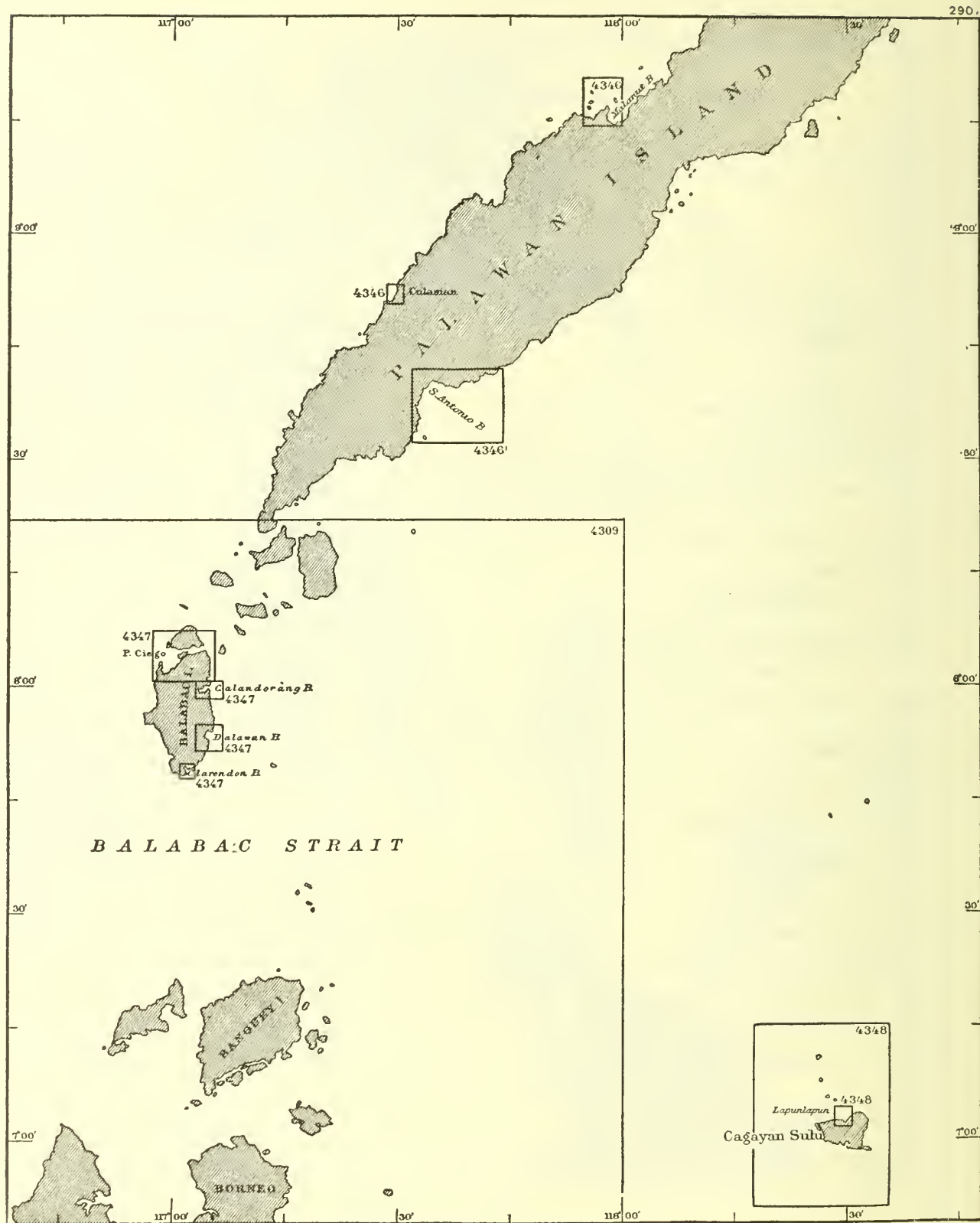




PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

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|          | COAST AND HARBOR CHARTS—Continued.                       |                     |           |                           |                          |                       |        |
| 4426     | Southwest coast of Leyte, Ormoc Bay to Maasin.           | .....               | 1:100,000 | 0.73                      | 30 × 41                  | 1915                  | \$0.40 |
|          | Maasin.....  | .....               | 1:10,000  | 7.30                      | .....                    | .....                 | .....  |
| 4423     | Southern part of Samar, San Pedro Bay and part of Leyte. | .....               | 1:100,000 | .73                       | 30 × 43                  | 1910                  | .40    |
| 4425     | Eastern Bohol and part of Leyte.....                     | .....               | 1:100,000 | .73                       | 31 × 44                  | 1910                  | .40    |
| 4464     | San Juanico Strait and Janabatas Channel...              | Samar and Leyte.    | 1:30,000  | 2.43                      | 31 × 40                  | 1910                  | .30    |
|          | Northern entrance to San Juanico Strait.....             | .....               | 1:10,000  | 7.30                      | .....                    | .....                 | .....  |
| 4467     | Guiuan.....  | Samar.....          | 1:20,000  | 3.65                      | 19 × 31                  | 1911                  | .30    |
|          | and Pambujan Harbors.....                                | .....               | 1:35,000  | 2.08                      | .....                    | .....                 | .....  |
| 4424     | Southeast coast of Leyte and Dinagat Island..            | .....               | 1:100,000 | .73                       | 31 × 41                  | 1913                  | .40    |
|          | Liloan Bay and Panaon Strait.....                        | .....               | 1:10,000  | 7.30                      | .....                    | .....                 | .....  |
| 4603     | Surigao Strait and vicinity.....                         | Mindanao and Leyte. | 1:200,000 | .37                       | 34 × 44                  | 1913                  | .50    |
| 4629     | Hinatuan Passage.....                                    | Mindanao.....       | 1:100,000 | .73                       | 30 × 38                  | 1913                  | .40    |
|          | Surigao.....   | .....               | 1:10,000  | 7.30                      | .....                    | .....                 | .....  |
| 4638     | Harbors on Dinagat, Siargao, and Bucas Islands.          | .....               | .....     | .....                     | 30 × 37                  | 1913                  | .30    |
|          | Dapa Channel.....  | .....               | 1:35,000  | 2.08                      | .....                    | .....                 | .....  |
|          | Gaas Bay and Inlet.....                                  | .....               | 1:30,000  | 2.43                      | .....                    | .....                 | .....  |
|          | Dinagat.....   | .....               | 1:20,000  | 3.65                      | .....                    | .....                 | .....  |
|          | Sohutan Bay and Inlet.....                               | .....               | 1:20,000  | 3.65                      | .....                    | .....                 | .....  |
|          | San Roque.....   | .....               | 1:25,000  | 2.92                      | .....                    | .....                 | .....  |
|          | Port Pilar.....  | .....               | 1:30,000  | 2.43                      | .....                    | .....                 | .....  |
|          | Malinao Inlet.....                                       | .....               | 1:25,000  | 2.92                      | .....                    | .....                 | .....  |

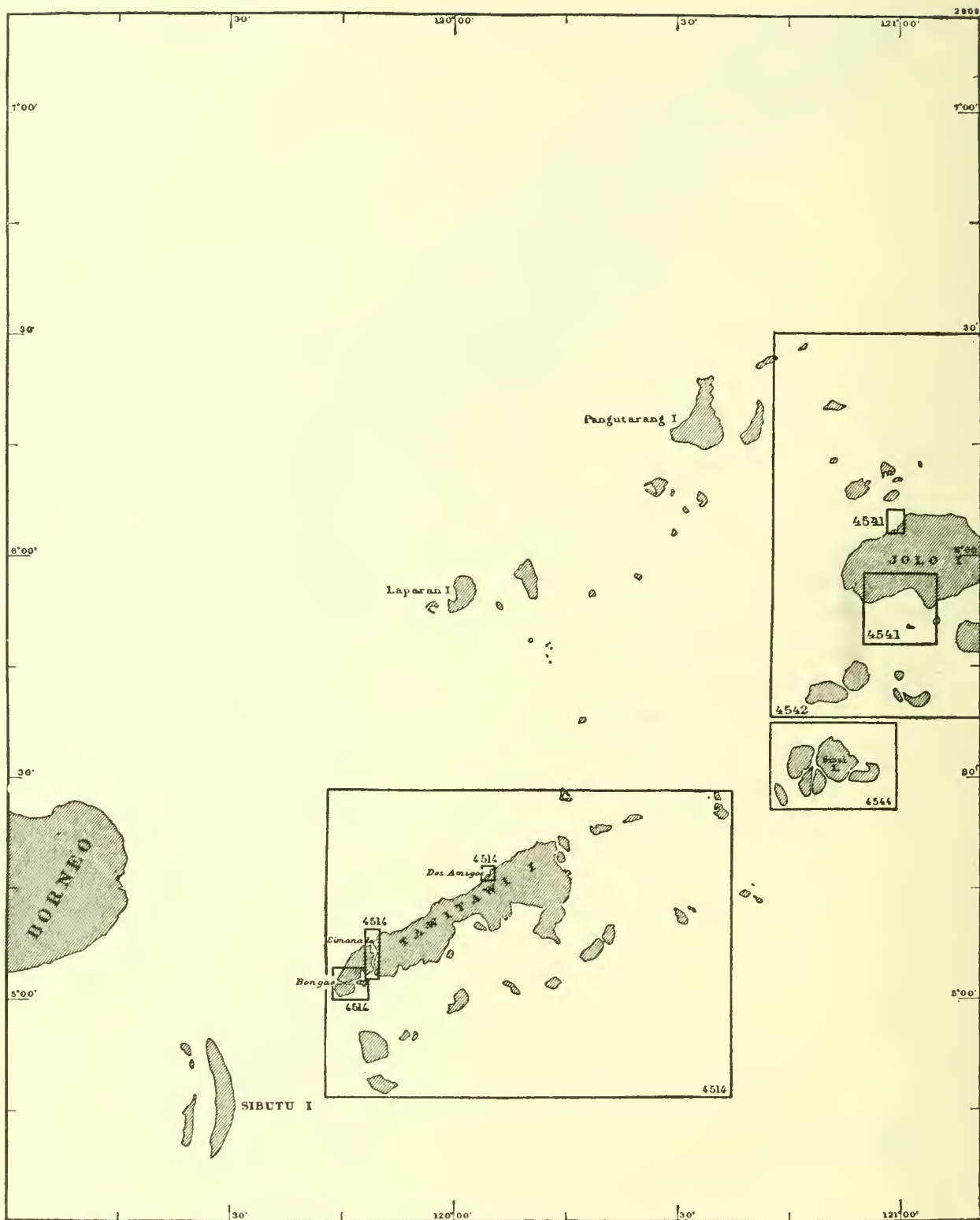




PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHIC ARRANGEMENT—CONTINUED.

| Cat. No. | TITLE.                                 | Island. | SCALE.    |                           | Size of border (inches). | Date of last edition. | Price. |
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|          |  |         | Average.  | Inches to nautical miles. |                          |                       |        |
|          | COAST AND HARBOR CHARTS—Continued.     |         |           |                           |                          |                       |        |
| 4309     | Balabac Strait.....                    |         | 1:199,000 | 0.37                      | 32 × 42                  | 1910                  | \$0.40 |
| 4348     | Cagayan Sulu and adjacent islands..... |         | 1:75,000  | .95                       | 19 × 37                  | 1905                  | .30    |
|          | Lapunlapun Anchorage.....              |         | 1:15,000  | 4.86                      |                          |                       |        |
| 4347     | Harbors of Balabac Island.....         |         |           |                           | 23 × 28                  | 1919                  | .30    |
|          | Clarendon Bay, south coast.....        |         | 1:15,000  | 4.86                      |                          |                       |        |
|          | Calandorang Bay, east coast.....       |         | 1:15,000  | 4.86                      |                          |                       |        |
|          | Dalawan Bay, east coast.....           |         | 1:20,000  | 3.65                      |                          |                       |        |
|          | Port Ciego, north coast.....           |         | 1:40,000  | 1.82                      |                          |                       |        |

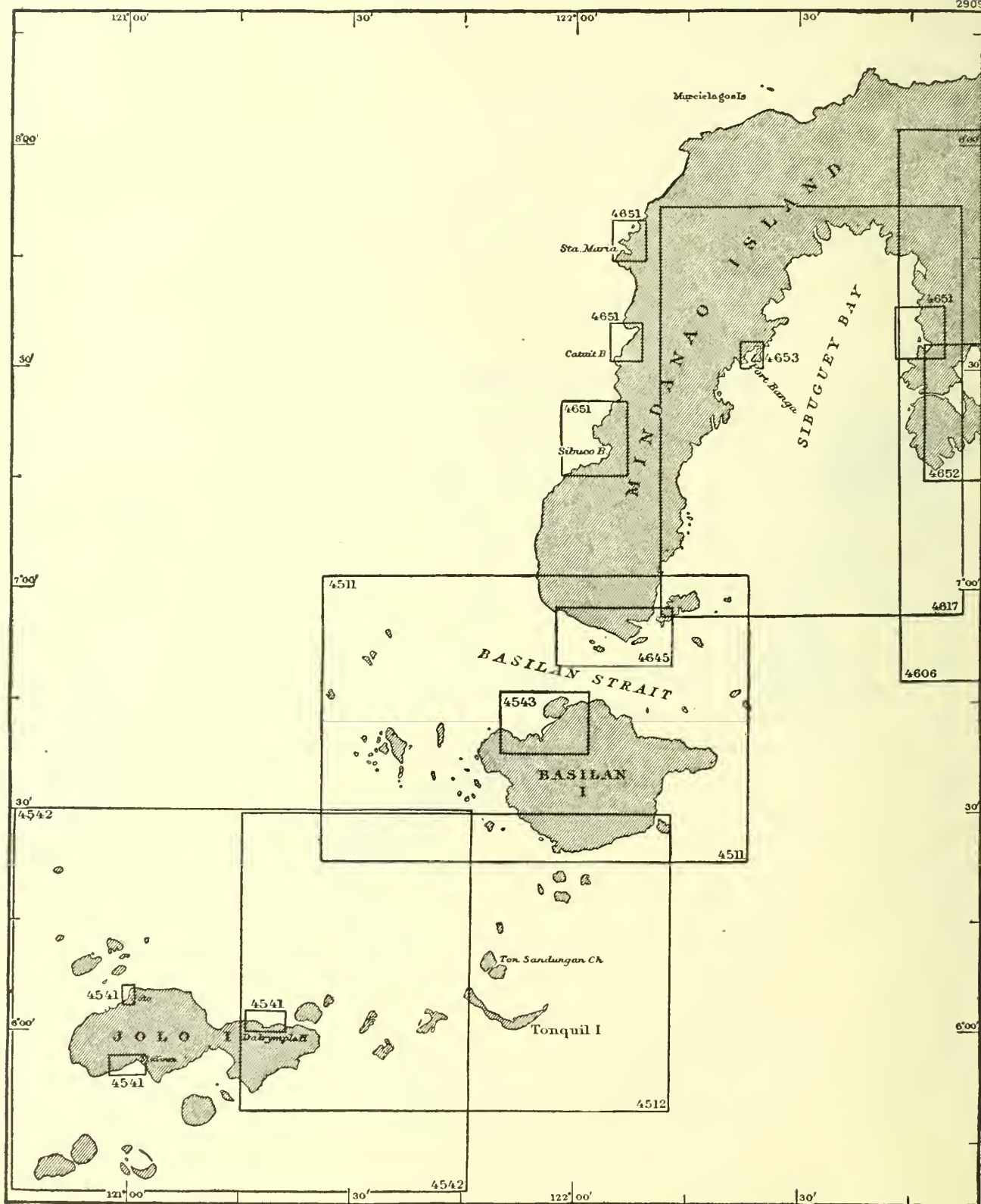


PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHIC ARRANGEMENT—CONTINUED.

| Cat. No. | TITLE.                                | Island. | SCALE.    |                           | Size of border (inches). | Date of last edition. | Price. |
|----------|---------------------------------------|---------|-----------|---------------------------|--------------------------|-----------------------|--------|
|          |                                       |         | Average.  | Inches to nautical miles. |                          |                       |        |
|          | COAST AND HARBOR CHARTS—Continued.    |         |           |                           |                          |                       |        |
| 4514     | Tawitawi Group, Sulu Archipelago..... |         | 1:100,000 | 0.73                      | 31 × 41                  | 1906                  | \$0.40 |
|          | Port Dos Amigos.....                  |         | 1:15,000  | 4.86                      |                          |                       |        |
|          | Port Bongao.....                      |         | 1:25,000  | 2.92                      |                          |                       |        |
|          | Simanale Bay and Channel.....         |         | 1:25,000  | 2.92                      |                          |                       |        |
| 4544     | Siasi and Lapac Islands.....          |         | 1:30,000  | 2.43                      | 31 × 41                  | 1906                  | .30    |



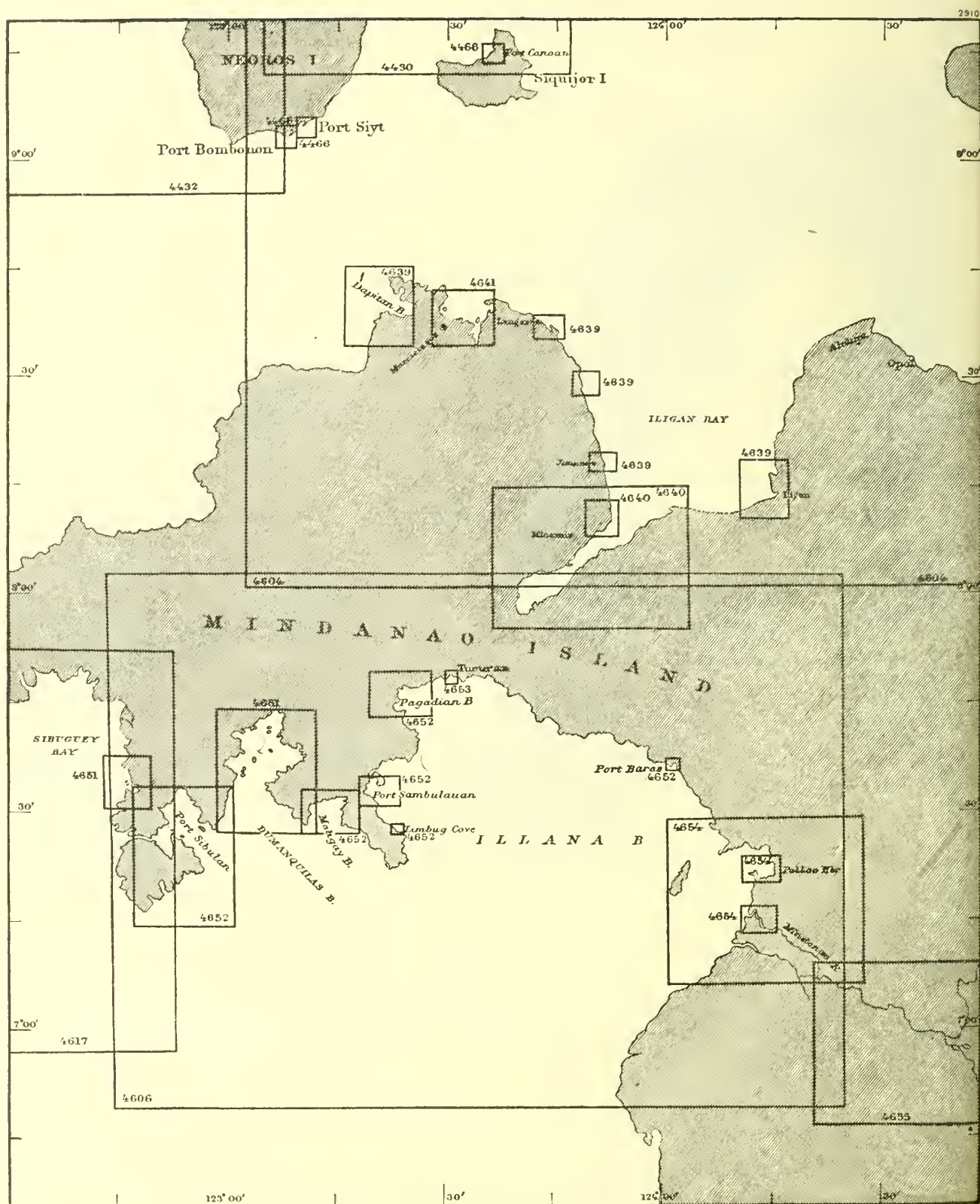


PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHIC ARRANGEMENT—CONTINUED.

| Cat. No. | TITLE.                                  | Island.                  | SCALE.    |                                 | Size of<br>of border<br>(inches). | Date of<br>last<br>edition. | Price. |
|----------|---|--------------------------|-----------|---------------------------------|-----------------------------------|-----------------------------|--------|
|          |   |                          | Average.  | Inches to<br>nautical<br>miles. |                                   |                             |        |
|          | COAST AND HARBOR CHARTS—Continued.      |                          |           |                                 |                                   |                             |        |
| 4511     | Basilan Strait.....                     | Mindanao and<br>Basilan. | 1:100,000 | 0.73                            | 30 × 44                           | 1913                        | \$0.50 |
| 4512     | Samales Group, Sulu Archipelago.....    |                          | 1:100,000 | 0.73                            | 30 × 43                           | 1906                        | .40    |
|          | Ton Sandungun Channel.....              |                          | 1:25,000  | 2.92                            |                                   |                             |        |
| 4542     | Jolo Island and vicinity.....           |                          | 1:189,000 | 0.38                            | 21 × 25                           | 1911                        | .30    |
| 4541     | Anchorage of Jolo Island.....           | Jolo.....                |           |                                 | 26 × 37                           | 1912                        | .30    |
|          | Jolo Anchorage, north coast.....        |                          | 1:10,000  | 7.30                            |                                   |                             |        |
|          | Dalrymple Harbor, north coast.....      |                          | 1:20,000  | 3.65                            |                                   |                             |        |
|          | Maibun Bay, south coast.....            |                          | 1:40,000  | 1.82                            |                                   |                             |        |
| 4543     | Isabela Channel and approaches.....     | Basilan.....             | 1:25,000  | 2.92                            | 25 × 33                           | 1910                        | .30    |
| 4645     | Masingloc Anchorage to Caldera Bay..... | Mindanao.....            | 1:30,000  | 2.43                            | 22 × 38                           | 1912                        | .30    |
| 4617     | Sibuguey Bay.....                       | do.....                  | 1:100,000 | 0.73                            | 30 × 41                           | 1909                        | .40    |



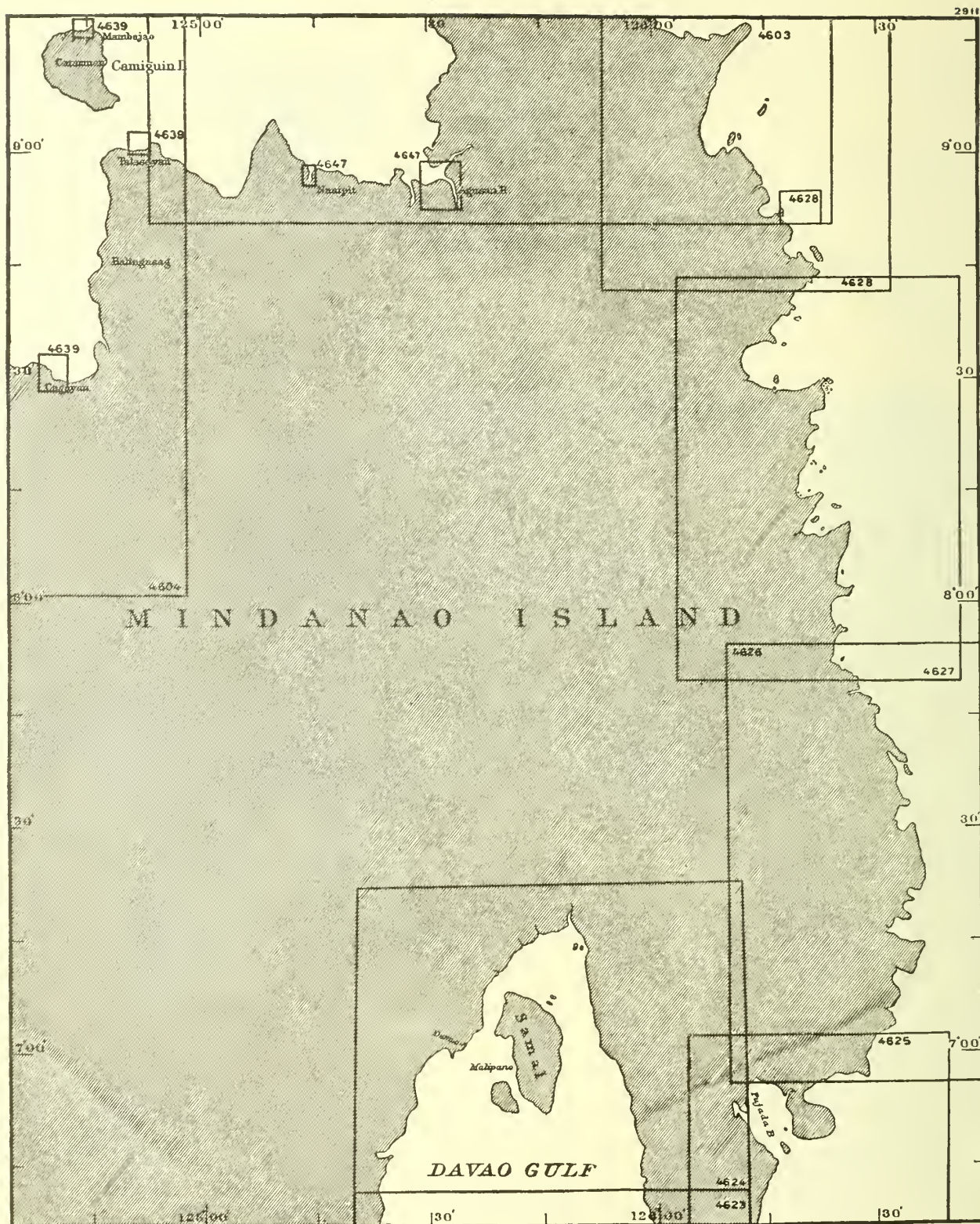




PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHIC ARRANGEMENT—CONTINUED.

| Cat. No. | TITLE.   | Island.       | SCALE.    |                           | Size of border (inches). | Date of last edition. | Price. |
|----------|--|---------------|-----------|---------------------------|--------------------------|-----------------------|--------|
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|          | COAST AND HARBOR CHARTS—Continued.                     |               |           |                           |                          |                       |        |
| 4641     | Murcielagos Bay.....                                   | Mindanao..... | 1:30,000  | 2.43                      | 19 × 23                  | 1901                  | \$0.10 |
| 4640     | Port Misamis.....                                      | do.....       | 1:60,000  | 1.22                      | 26 × 33                  | 1908                  | .30    |
|          | Port Misamis .....                                     |               | 1:20,000  | 3.65                      |                          |                       |        |
| 4639     | Anchorage in Iligan Bay and vicinity.....              | Mindanao..... |           |                           | 29 × 35                  | 1911                  | .30    |
|          | Lanagran and Inamuca Bay.....                          |               | 1:25,000  | 2.92                      |                          |                       |        |
|          | Dipitan and Dipolog.....                               |               | 1:40,000  | 1.82                      |                          |                       |        |
|          | Canauayor Anchorage.....                               |               | 1:20,000  | 3.65                      |                          |                       |        |
|          | Jimanez.....   |               | 1:20,000  | 3.65                      |                          |                       |        |
|          | Iligan and Overton Anchorages and Queenalong Cove..... |               | 1:40,000  | 1.82                      |                          |                       |        |
|          | Oroquieta.....   |               | 1:20,000  | 3.65                      |                          |                       |        |
|          | Port Mambajao.....                                     |               | 1:10,000  | 7.30                      |                          |                       |        |
|          | Cagayan Anchorage.....                                 |               | 1:20,000  | 3.65                      |                          |                       |        |
| 4604     | Iligan Bay and vicinity.....                           | P. I.....     | 1:200,000 | 0.36                      | 31 × 41                  | 1911                  | .50    |



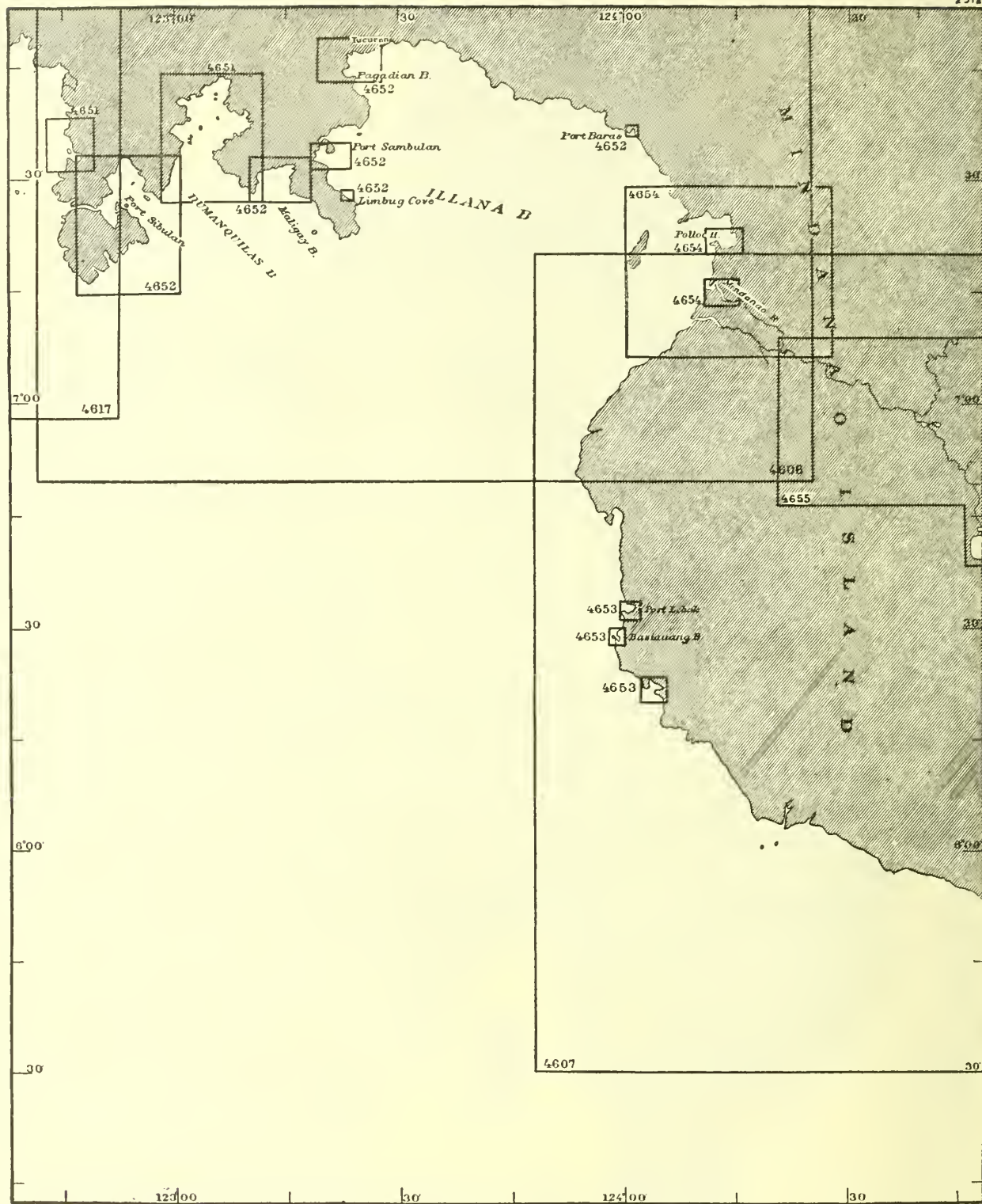


PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHIC ARRANGEMENT—CONTINUED.

| Cat. No. | TITLE.  | Island.       | SCALE.    |                           | Size of border (inches). | Date of last edition. | Price. |
|----------|---|---------------|-----------|---------------------------|--------------------------|-----------------------|--------|
|          |   |               | Average.  | Inches to nautical miles. |                          |                       |        |
|          | COAST AND HARBOR CHARTS—Continued.                |               |           |                           |                          |                       |        |
| 4651     | Harbors on south and west coasts of Mindanao..... |               |           |                           | 28 × 32                  | 1913                  | \$0.30 |
|          | Dumanquilas Bay (see page 176).....               | Mindanao..... | 1:75,000  | 0.97                      |                          |                       |        |
|          | Taba Bay (see page 176).....                      | do.....       | 1:30,000  | 2.43                      |                          |                       |        |
|          | Port Santa Maria (see page 174).....              | do.....       | 1:40,000  | 1.82                      |                          |                       |        |
|          | Panabutan and Caut Bay (see page 174).....        | do.....       | 1:40,000  | 1.82                      |                          |                       |        |
|          | Sibuco Bay (see page 174).....                    | do.....       | 1:100,000 | 0.73                      |                          |                       |        |
| 4647     | Agusan River entrance.....                        | do.....       | 1:20,000  | 3.65                      | 19 × 28                  | 1911                  | .30    |
|          | Nasipit Harbor.....                               | do.....       | 1:15,000  | 4.86                      |                          |                       |        |
| 4628     | Jobo Point to Tugas Point.....                    | do.....       | 1:100,000 | 0.73                      | 30 × 41                  | 1913                  | .40    |
|          | Bitaugan Bay.....                                 |               | 1:30,000  | 2.43                      |                          |                       |        |
| 4626     | Mayo Bay to Cateel Bay.....                       | Mindanao..... | 1:100,000 | 0.73                      | 30 × 41                  | 1915                  | .40    |
| 4627     | Cateel Bay to Jobo Point.....                     | do.....       | 1:100,000 | 0.73                      | 29 × 40                  | 1915                  | .40    |
|          | Lamon Anchorage.....                              |               | 1:20,000  | 3.65                      |                          |                       |        |
|          | Catarman Anchorage.....                           |               | 1:20,000  | 3.65                      |                          |                       |        |



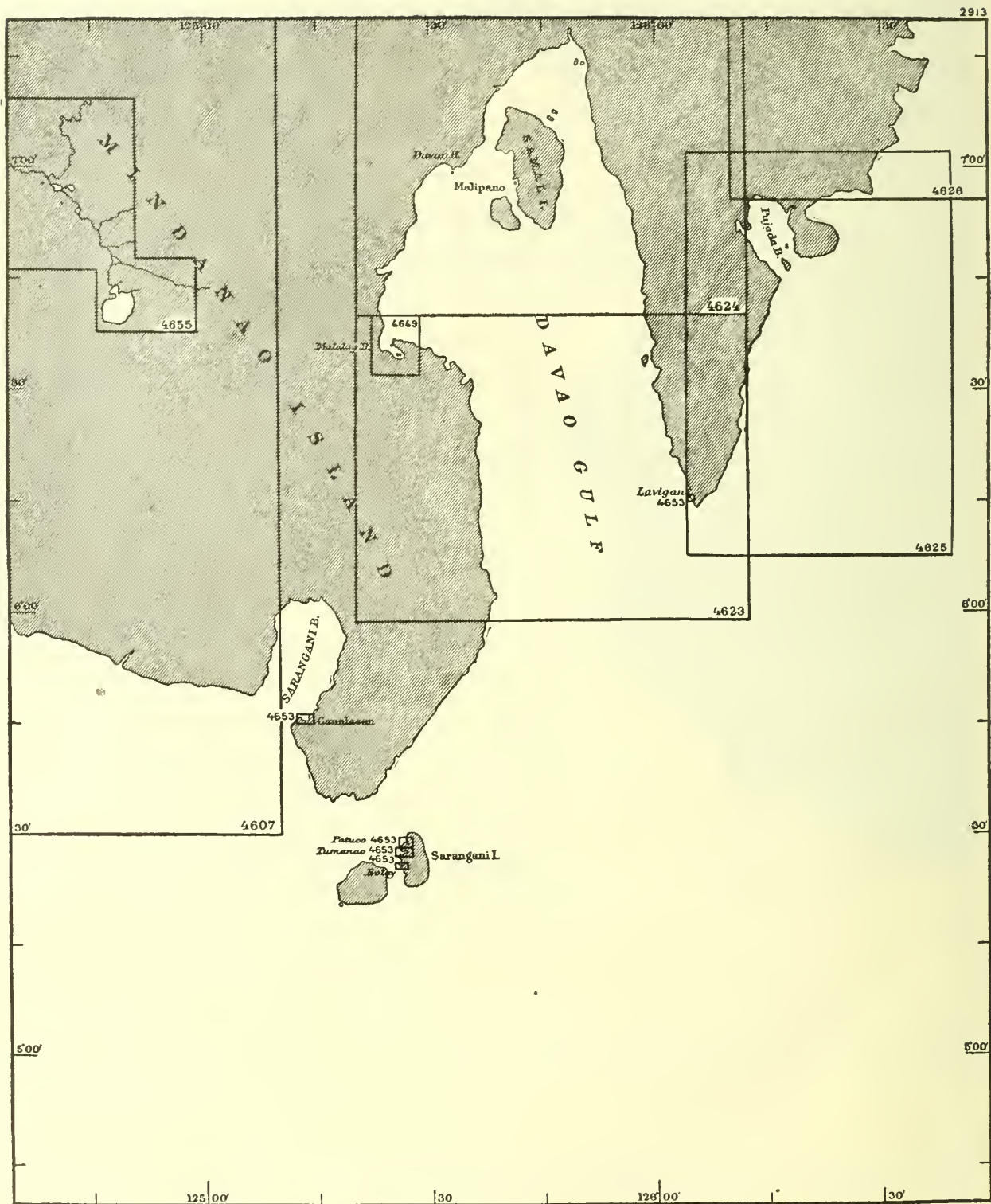


PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

GEOGRAPHIC ARRANGEMENT—CONTINUED.

| Cat. No. | TITLE.                                     | Island.       | SCALE.    |                           | Size of border (inches). | Date of last edition. | Price. |
|----------|--|---------------|-----------|---------------------------|--------------------------|-----------------------|--------|
|          |  |               | Average.  | Inches to nautical miles. |                          |                       |        |
|          | COAST AND HARBOR CHARTS—Continued.         |               |           |                           |                          |                       |        |
| 4654     | Mindanao River Delta and Polloc Harbor.... | Mindanao..... | 1:50,000  | 1.46                      | 34 × 41                  | 1917                  | \$0.40 |
|          | Parang and Polloc anchorages.....          |               | 1:20,000  | 3.65                      |                          |                       |        |
|          | Cotabato entrance.....                     |               | 1:20,000  | 3.65                      |                          |                       |        |
| 4655     | Mindanao River, upper part.....            | Mindanao..... | 1:50,000  | 1.46                      | 34 × 42                  | 1909                  | .40    |
| 4606     | Port Sibulan to Polloc Harbor.....         | do.....       | 1:200,000 | 0.36                      | 28 × 37                  | 1915                  | .50    |
| 4652     | Harbors in Illana Bay.....                 | do.....       |           |                           | 31 × 33                  | 1912                  | .30    |
|          | Port Sibulan.....                          |               | 1:60,000  | 1.22                      |                          |                       |        |
|          | Port Baras.....                            |               | 1:20,000  | 3.65                      |                          |                       |        |
|          | Limbug Cove.....                           |               | 1:15,000  | 4.86                      |                          |                       |        |
|          | Port Sambulanan.....                       |               | 1:30,000  | 2.43                      |                          |                       |        |
|          | Pagadian Bay.....                          |               | 1:50,000  | 1.46                      |                          |                       |        |
|          | Maligay Bay.....                           |               | 1:50,000  | 1.46                      |                          |                       |        |
| 4607     | Cotabato to Sarangani Bay.....             | Mindanao..... | 1:200,000 | 0.36                      | 31 × 41                  | 1917                  | .50    |



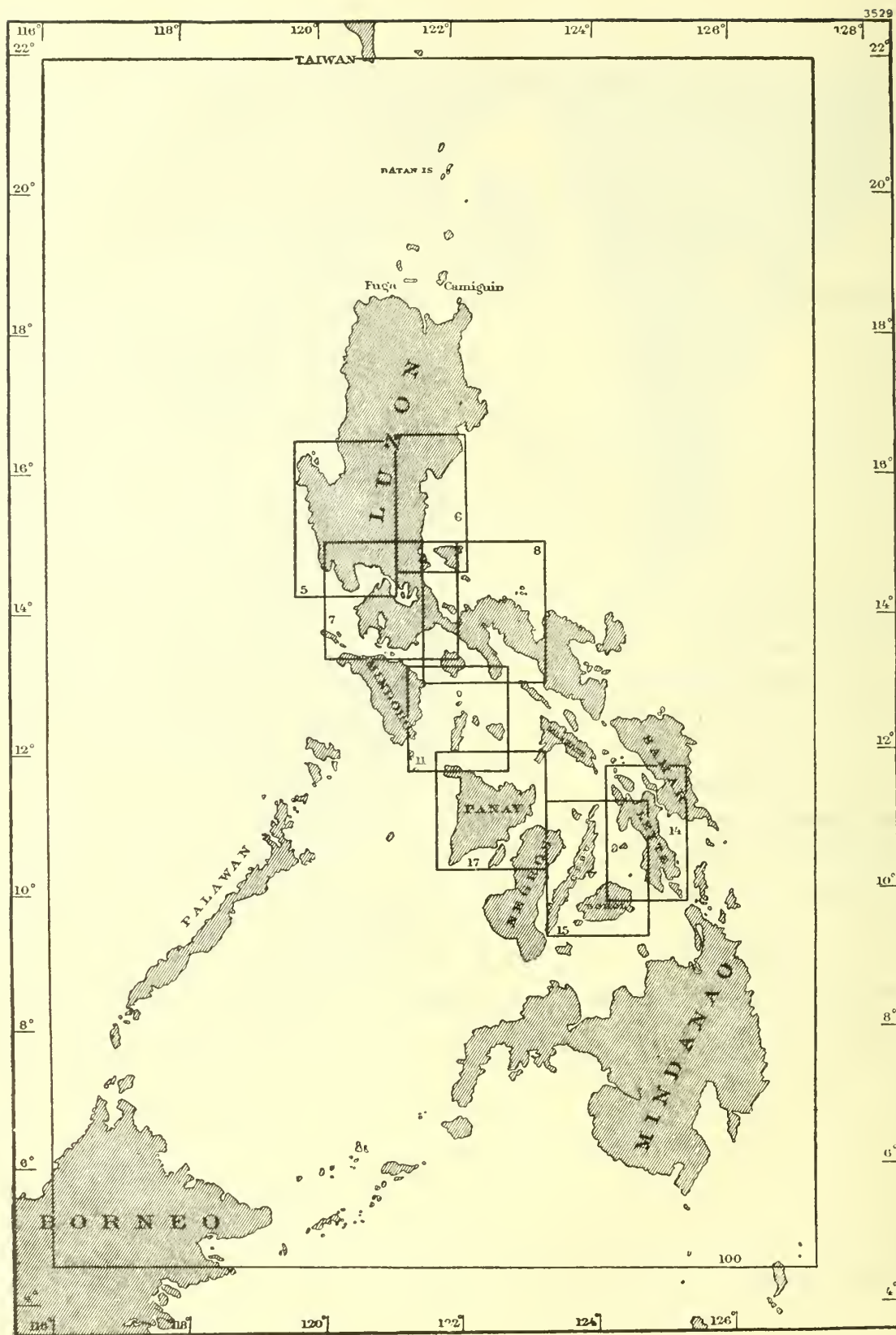




# PACIFIC OCEAN—PHILIPPINE ISLANDS—CONTINUED.

## GEOGRAPHIC ARRANGEMENT—CONTINUED.

| Cat. No. | TITLE.                                      | Island.        | SCALE.    |                           | Size of border (inches). | Date of last edition. | Price.  |
|----------|---|----------------|-----------|---------------------------|--------------------------|-----------------------|---------|
|          |   |                | Average.  | Inches to nautical miles. |                          |                       |         |
|          | COAST AND HARBOR CHARTS—Continued.          |                |           |                           |                          |                       |         |
| 4653     | Harbors on the south coast of Mindanao..... |                |           |                           | 25 × 34                  | 1910                  | \$0. 30 |
|          | Lavigan Anchorage.....                      | Mindanao.....  | 1:5,000   | 14. 59                    |                          |                       |         |
|          | Port Patuco, west coast.....                | Sarangani..... | 1:10,000  | 7. 30                     |                          |                       |         |
|          | Port Bolay, west coast.....                 | do.....        | 1:5,000   | 14. 59                    |                          |                       |         |
|          | Port Tumanao, west coast.....               | do.....        | 1:15,000  | 4. 86                     |                          |                       |         |
|          | Canalasan Cove.....                         | Mindanao.....  | 1:20,000  | 3. 65                     |                          |                       |         |
|          | Basiauang Bay (see page 180).....           | do.....        | 1:20,000  | 3. 65                     |                          |                       |         |
|          | Port Lebak (see page 180).....              | do.....        | 1:20,000  | 3. 65                     |                          |                       |         |
|          | Tuna Bay.....                               | do.....        | 1:20,000  | 3. 65                     |                          |                       |         |
|          | Port Banga (see page 174).....              | do.....        | 1:20,000  | 3. 65                     |                          |                       |         |
| 4649     | Malalag Bay, south coast.....               | do.....        | 1:20,000  | 3. 65                     | 23 × 25                  | 1907                  | . 20    |
| 4623     | Southern part of Davao Gulf.....            | do.....        | 1:100,000 | . 73                      | 32 × 41                  | 1913                  | . 40    |
| 4624     | Northern part of Davao Gulf.....            | do.....        | 1:100,000 | . 73                      | 32 × 39                  | 1909                  | . 40    |
|          | Davao Anchorage.....                        |                | 1:20,000  | 3. 65                     |                          |                       |         |
|          | Malipano Anchorage.....                     |                | 1:20,000  | 3. 65                     |                          |                       |         |
| 4625     | Cape San Augustin to Mayo Bay.....          | Mindanao.....  | 1:100,000 | . 73                      | 26 × 40                  | 1914                  | . 40    |
|          | Balete Bay.....                             |                | 1:20,000  | 3. 65                     |                          |                       |         |



## TOPOGRAPHIC MAPS OF THE PHILIPPINE ISLANDS.

| Cat. No. | TITLE.                                       | Scale.      | Size.          | Date. | Price.  |
|----------|--|-------------|----------------|-------|---------|
|          |  |             | <i>Inches.</i> |       |         |
| 100      | Philippine Islands (in four sheets).....     | 1, 000, 000 | 50 × 78        | 1918  | \$2. 00 |
| 5        | Central Luzon.....                           | 200, 000    | 32 × 50        | 1912  | . 50    |
| 6        | Central Luzon—eastern sheet.....             | 200, 000    | 31 × 45        | 1919  | . 75    |
| 7        | Southern Luzon.....                          | 200, 000    | 36 × 44        | 1913  | . 50    |
| 8        | Southern Luzon—central sheet.....            | 200, 000    | 38 × 45        | 1916  | . 75    |
| 11       | Islands of Tablas, Romblon, and Sibuyan..... | 200, 000    | 30 × 32        | 1913  | . 50    |
| 14       | Leyte.....                                   | 200, 000    | 24 × 44        | 1914  | . 50    |
| 15       | Cebu and Bohol.....                          | 200, 000    | 38 × 44        | 1915  | . 75    |
| 17       | Panay.....                                   | 200, 000    | 33 × 35        | 1912  | . 50    |





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**NUMERICAL ARRANGEMENT OF CHARTS.**

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# NUMERICAL ARRANGEMENT OF CHARTS.

| CHART<br>No. | Price. | Page. | CHART<br>No. | Price. | Page. | CHART<br>No. | Price. | Page. | CHART<br>No.     | Price. | Page. | CHART<br>No.     | Price. | Page. |
|--------------|--------|-------|--------------|--------|-------|--------------|--------|-------|------------------|--------|-------|------------------|--------|-------|
| 51           | \$0.50 | 21    | 174          | \$0.50 | 67    | 212          | \$0.50 | 85    | 282              | \$0.50 | 37    | 321              | \$0.20 | 25    |
| 52           | .50    | 21    | 175          | .50    | 69    | 215          | .50    | 33    | 283              | .50    | 37    | 325              | .40    | 27    |
| 77           | .50    | 21    | 176          | .50    | 69    | 216          | .50    | 33    | 284              | .50    | 37    | 327              | .20    | 27    |
| 78           | .50    | 21    | 177          | .50    | 69    | 217          | .50    | 33    | 287              | .50    | 39    | 0329             | .25    | 27    |
| 101          | .50    | 23    | 178          | .50    | 71    | 218          | .50    | 33    | 288              | .25    | 27    | 330              | .20    | 27    |
| 102          | .50    | 23    | 179          | .50    | 71    | 219          | .50    | 33    | 289              | .25    | 27    | 331              | .25    | 27    |
| 104          | .50    | 25    | 180          | .50    | 71    | 220          | .50    | 33    | 293              | .50    | 33    | 337 <sup>a</sup> | .20    | 29    |
| 105          | .50    | 27    | 181          | .50    | 71    | 221          | .50    | 25    | 294              | .50    | 41    | 338              | .25    | 29    |
| 109          | .50    | 29    | 182          | .50    | 73    | 222          | .50    | 33    | 295              | .50    | 41    | 339              | .20    | 29    |
| 112          | .50    | 29    | 183          | .50    | 73    | 224          | .50    | 33    | 296              | .50    | 41    | 340              | .20    | 29    |
| 113          | .50    | 29    | 184          | .50    | 73    | 225          | .25    | 27    | 297              | .25    | 31    | 341              | .20    | 29    |
| 148          | .50    | 53    | 185          | .50    | 75    | 228          | .50    | 33    | 298              | .25    | 35    | 343              | .25    | 31    |
| 150          | .50    | 53    | 186          | .50    | 75    | 229          | .30    | 27    | 299              | .25    | 35    | 345              | .25    | 31    |
| 151          | .50    | 53    | 187          | .50    | 75    | 242          | .30    | 29    | 300              | .25    | 23    | 346              | .25    | 31    |
| 152          | .50    | 55    | 188          | .50    | 75    | 243          | .50    | 29    | 301              | .25    | 23    | 347              | .25    | 31    |
| 153          | .50    | 55    | 189          | .50    | 75    | 244          | .25    | 29    | 303              | .25    | 23    | 348              | .25    | 31    |
| 154          | .50    | 55    | 190          | .50    | 77    | 246          | .50    | 29    | 304              | .25    | 23    | 352              | .20    | 31    |
| 155          | .50    | 57    | 192          | .50    | 77    | 247          | .25    | 31    | 305              | .25    | 23    | 353              | .50    | 31    |
| 156          | .50    | 57    | 194          | .50    | 77    | 248          | .50    | 29    | 306              | .25    | 25    | 353 <sup>2</sup> | .40    | 31    |
| 157          | .50    | 57    | 195          | .50    | 77    | 249          | .50    | 31    | 307              | .25    | 25    | 354 <sup>a</sup> | .20    | 31    |
| 158          | .50    | 59    | 196          | .50    | 77    | 250          | .25    | 29    | 308              | .25    | 25    | 355              | .20    | 31    |
| 159          | .50    | 59    | 197          | .50    | 79    | 251          | .50    | 31    | 309              | .25    | 25    | 357              | .20    | 31    |
| 160          | .50    | 59    | 198          | .50    | 79    | 252          | .50    | 31    | 310              | .25    | 25    | 358              | .40    | 33    |
| 161          | .50    | 61    | 199          | .50    | 79    | 254          | .25    | 33    | 311              | .25    | 25    | 359              | .40    | 33    |
| 162          | .50    | 61    | 200          | .50    | 79    | 255          | .25    | 33    | 311 <sup>a</sup> | .20    | 25    | 361 <sup>4</sup> | .30    | 35    |
| 163          | .50    | 61    | 201          | .50    | 79    | 256          | .25    | 33    | 312              | .25    | 27    | 366              | .20    | 35    |
| 164          | .50    | 63    | 202          | .50    | 79    | 262          | .25    | 31    | 313              | .25    | 27    | 369              | .50    | 39    |
| 165          | .50    | 63    | 203          | .50    | 81    | 271          | .50    | 35    | 314              | .25    | 27    | 369 <sup>4</sup> | .50    | 39    |
| 166          | .50    | 63    | 204          | .50    | 81    | 272          | .50    | 39    | 315              | .25    | 27    | 369 <sup>5</sup> | .50    | 39    |
| 167          | .50    | 63    | 207          | .50    | 83    | 273          | .50    | 39    | 315 <sup>a</sup> | .20    | 27    | 369 <sup>8</sup> | .50    | 39    |
| 168          | .50    | 65    | 208          | .50    | 83    | 274          | .25    | 39    | 317              | .20    | 25    | 375              | .50    | 39    |
| 169          | .50    | 65    | 209          | .50    | 83    | 276          | .50    | 29    | 318              | .20    | 25    | 379              | .25    | 41    |
| 172          | .50    | 65    | 210          | .50    | 85    | 278          | .50    | 31    | 319              | .20    | 25    | 380              | .50    | 41    |
| 173          | .50    | 65    | 211          | .50    | 85    | 281          | .50    | 37    | 320              | .20    | 25    | 381              | .50    | 41    |

# NUMERICAL ARRANGEMENT OF CHARTS—CONTINUED.

| CHART<br>No.     | Price. | Page. | CHART<br>No. | Price. | Page. | CHART<br>No. | Price. | Page. | CHART<br>No. | Price. | Page. | CHART<br>No.       | Price. | Page. |
|------------------|--------|-------|--------------|--------|-------|--------------|--------|-------|--------------|--------|-------|--------------------|--------|-------|
| 385              | \$0.50 | 45    | 477          | \$0.25 | 69    | 584          | \$0.50 | 65    | 1110         | \$0.50 | 21    | 1233               | \$0.50 | 51    |
| 400              | .50    | 47    | 480          | .20    | 71    | 801          | .50    | 23    | 1111         | .50    | 21    | 1234               | .50    | 51    |
| 406              | .20    | 49    | 490          | .25    | 75    | 901          | .50    | 87    | 1112         | .50    | 21    |                    |        |       |
| 409              | .10    | 49    | 494          | .50    | 47    | 902          | .50    | 87    | 1113         | .50    | 21    | 1252               | .50    | 67    |
| 413              | .25    | 75    | 495          | .50    | 47    | 903          | .50    | 87    | 1114         | .50    | 21    | 1268               | .50    | 77    |
| 420              | .25    | 51    | 504          | .50    | 47    | 904          | .50    | 87    | 1115         | .50    | 21    | 1269               | .50    | 77    |
| 421              | .20    | 51    | 508          | .25    | 59    | 908          | .50    | 87    | 1116         | .50    | 21    | 1281               | .50    | 81    |
| 422              | .25    | 53    | 509          | .25    | 59    | 909          | .25    | 87    | 1117         | .50    | 21    | 3032               | .50    | 15    |
| 424              | .50    | 53    | 517          | .50    | 81    | 913          | .50    | 87    | 1202         | .50    | 25    | 3035               | .30    | 15    |
| 425              | .50    | 53    | 518          | .20    | 79    | 914          | .50    | 87    | 1204         | .50    | 27    | 3035 <sup>a</sup>  | .50    | 15    |
| 428              | .25    | 55    | 520          | .15    | 81    | 915          | .25    | 87    | 1205         | .50    | 27    | 3035 <sup>b</sup>  | 3.00   | 15    |
| 431              | .50    | 55    | 525          | .50    | 81    | 916          | .25    | 87    | 1206         | .50    | 27    | 3036               | .30    | 15    |
| 434              | .20    | 55    | 529          | .50    | 47    | 917          | .50    | 87    | 1208         | .50    | 29    | 3043               | .30    | 15    |
| 435              | .20    | 55    | 530          | .50    | 47    | 918          | .25    | 87    | 1209         | .50    | 29    | 3055               | .50    | 15    |
| 436              | .25    | 55    | 531          | .50    | 47    | 920          | .50    | 87    | 1211         | .50    | 37    | 3059               | .25    | 15    |
| 437              | .25    | 57    | 532          | .50    | 81    | 921          | .50    | 87    | 1212         | .50    | 33    | 3070               | .50    | 15    |
| 440              | .50    | 57    | 534          | .50    | 45    | 922          | .25    | 87    | 1213         | .50    | 33    | 3081               | .20    | 15    |
| 441              | .25    | 57    | 535          | .50    | 45    | 927          | .50    | 87    | 1214         | .50    | 37    | 3101<br>to<br>3190 | .10    | 15    |
| 443              | .25    | 57    | 536          | .50    | 45    | 928          | .50    | 87    | 1215         | .50    | 37    |                    |        |       |
| 444              | .25    | 57    | 537          | .50    | 49    | 929          | .50    | 87    | 1216         | .50    | 41    | 4101               | .20    | 141   |
| 445              | .50    | 55    | 538          | .50    | 49    | 931          | .50    | 87    | 1217         | .50    | 41    | 4102               | .50    | 141   |
| 446              | .25    | 57    | 539          | .50    | 45    | 932          | .25    | 87    | 1218         | .50    | 41    | 4103               | .25    | 141   |
| 447              | .25    | 57    | 541          | .50    | 39    | 933          | .30    | 87    | 1219         | .50    | 43    | 4104               | .25    | 141   |
| 448              | .25    | 57    | 542          | .50    | 39    | 950          | .50    | 89    | 1220         | .50    | 43    | 4105               | .30    | 141   |
| 450              | .50    | 57    | 543          | .30    | 39    | 952          | .50    | 89    | 1221         | .50    | 43    | 4106               | .25    | 141   |
| 451              | .30    | 47    | 544          | .30    | 39    | 953          | .30    | 89    | 1222         | .50    | 43    | 4107               | .25    | 141   |
| 453              | .25    | 59    | 548          | .50    | 45    | 954          | .30    | 89    | 1223         | .50    | 43    | 4108               | .25    | 141   |
| 455 <sup>b</sup> | .40    | 59    | 549          | .50    | 45    | 1000         | .50    | 19    | 1224         | .50    | 43    | 4109               | .50    | 141   |
| 455 <sup>c</sup> | .40    | 59    | 557          | .50    | 45    | 1001         | .50    | 19    | 1225         | .50    | 45    | 4115               | .50    | 141   |
| 455 <sup>d</sup> | .40    | 59    | 558          | .50    | 45    | 1002         | .50    | 19    | 1226         | .50    | 45    | 4116               | .50    | 141   |
| 458              | .40    | 59    | 559          | .50    | 45    | 1007         | .50    | 19    | 1227         | .50    | 47    | 4117               | .50    | 141   |
| 465              | .15    | 63    | 560          | .50    | 45    | 1106         | .50    | 21    | 1228         | .50    | 49    | 4200               | .50    | 143   |
| 471 <sup>a</sup> | .25    | 67    | 571          | .50    | 57    | 1107         | .50    | 21    | 1229         | .50    | 49    | 4202               | .50    | 141   |
| 483              | .25    | 69    | 577          | .50    | 59    | 1108         | .50    | 21    | 1231         | .50    | 49    | 4207               | .40    | 145   |
| 474              | .25    | 69    | 578          | .50    | 37    | 1109         | .50    | 21    | 1232         | .50    | 49    | 4208               | .40    | 145   |

# NUMERICAL ARRANGEMENT OF CHARTS—CONTINUED.

| CHART<br>No. | Price.  | Page. | CHART<br>No. | Price.  | Page. | CHART<br>No. | Price.  | Page. | CHART<br>No. | Price.  | Page. | CHART<br>No. | Price.  | Page. |
|--------------|---------|-------|--------------|---------|-------|--------------|---------|-------|--------------|---------|-------|--------------|---------|-------|
| 4209         | \$0. 40 | 147   | 4315         | \$0. 40 | 161   | 4428         | \$0. 40 | 165   | 4627         | \$0. 40 | 179   | 5202         | \$0. 50 | 95    |
| 4210         | . 40    | 147   | 4316         | . 40    | 161   | 4429         | . 40    | 165   | 4628         | . 40    | 179   | 5261         | . 25    | 95    |
| 4214         | . 40    | 151   | 4317         | . 40    | 161   | 4430         | . 40    | 165   | 4629         | . 40    | 169   | 5302         | . 50    | 97    |
| 4218         | . 50    | 155   | 4337         | . 30    | 151   | 4431         | . 40    | 165   | 4638         | . 30    | 169   | 5386         | . 20    | 97    |
| 4219         | . 40    | 157   | 4336         | . 30    | 163   | 4432         | . 40    | 165   | 4639         | . 30    | 177   | 5402         | . 50    | 99    |
| 4220         | . 40    | 157   | 4338         | . 30    | 151   | 4447         | . 30    | 165   | 4640         | . 30    | 177   | 5403         | . 50    | 97    |
| 4221         | . 50    | 157   | 4339         | . 30    | 151   | 4448         | . 30    | 165   | 4641         | . 10    | 177   | 5476         | . 50    | 97    |
| 4222         | . 40    | 157   | 4340         | . 30    | 151   | 4449         | . 30    | 157   | 4645         | . 30    | 175   | 5502         | . 50    | 101   |
| 4223         | . 40    | 155   | 4342         | . 30    | 151   | 4453         | . 30    | 153   | 4647         | . 30    | 179   | 5520         | . 15    | 99    |
| 4226         | . 50    | 149   | 4343         | . 30    | 161   | 4454         | . 30    | 153   | 4649         | . 20    | 183   | 5525         | . 20    | 99    |
| 4235         | . 30    | 147   | 4344         | . 30    | 151   | 4455         | . 30    | 155   | 4651         | . 30    | 179   | 5530         | . 50    | 99    |
| 4236         | . 30    | 147   | 4346         | . 30    | 161   | 4456         | . 30    | 159   | 4652         | . 30    | 181   | 5531         | . 50    | 99    |
| 4237         | . 30    | 157   | 4347         | . 30    | 171   | 4459         | . 30    | 165   | 4653         | . 30    | 183   | 5532         | . 50    | 99    |
| 4238         | . 40    | 147   | 4348         | . 30    | 171   | 4463         | . 30    | 165   | 4654         | . 40    | 181   | 5533         | . 50    | 99    |
| 4239         | . 30    | 147   | 4349         | . 40    | 161   | 4464         | . 30    | 169   | 4655         | . 40    | 181   | 5534         | . 50    | 99    |
| 4246         | . 20    | 147   | 4350         | . 40    | 151   | 4465         | . 30    | 167   | 4705         | . 50    | 143   | 5599         | . 20    | 99    |
| 4255         | . 40    | 147   | 4351         | . 40    | 151   | 4466         | . 30    | 167   | 4706         | . 50    | 143   | 5602         | . 50    | 103   |
| 4257         | . 30    | 151   | 4405         | . 50    | 165   | 4467         | . 30    | 169   | 4707         | . 50    | 143   | 5618         | . 25    | 101   |
| 4258         | . 20    | 157   | 4410         | . 40    | 153   | 4511         | . 50    | 175   | 4708         | . 50    | 143   | 5627         | . 20    | 101   |
| 4259         | . 30    | 157   | 4411         | . 40    | 153   | 4512         | . 40    | 175   | 4714         | . 50    | 143   | 5651         | . 20    | 101   |
| 4260         | . 30    | 145   | 4412         | . 40    | 153   | 4514         | . 40    | 173   | 4715         | . 50    | 143   | 5702         | . 50    | 105   |
| 4263         | . 20    | 145   | 4413         | . 40    | 165   | 4541         | . 30    | 175   | 4716         | . 50    | 143   | 5703         | . 50    | 103   |
| 4265         | . 30    | 149   | 4414         | . 40    | 153   | 4542         | . 30    | 175   | 4718         | . 50    | 143   | 5705         | . 50    | 103   |
| 4266         | . 30    | 147   | 4415         | . 40    | 163   | 4543         | . 30    | 175   | 4719         | . 50    | 143   | 5719         | . 20    | 103   |
| 4267         | . 30    | 153   | 4416         | . 40    | 165   | 4544         | . 30    | 173   | 4720         | . 50    | 143   | 5773         | . 20    | 103   |
| 4268         | . 30    | 155   | 4417         | . 40    | 165   | 4603         | . 50    | 169   | 4722         | . 50    | 143   | 5795         | . 40    | 103   |
| 4269         | . 30    | 159   | 4418         | . 40    | 157   | 4604         | . 50    | 177   | 5002         | . 50    | 91    | 5802         | . 50    | 107   |
| 4270         | . 30    | 145   | 4420         | . 40    | 157   | 4606         | . 50    | 181   | 5052         | . 50    | 91    | 5819         | . 25    | 105   |
| 4271         | . 30    | 155   | 4421         | . 40    | 157   | 4607         | . 50    | 181   | 5102         | . 50    | 93    | 5832         | . 50    | 105   |
| 4272         | . 30    | 155   | 4422         | . 40    | 157   | 4617         | . 40    | 175   | 5107         | . 50    | 93    | 5846         | . 20    | 105   |
| 4273         | . 20    | 155   | 4423         | . 40    | 169   | 4623         | . 40    | 183   | 5126         | . 25    | 93    | 5895         | . 20    | 105   |
| 4305         | . 50    | 151   | 4424         | . 40    | 169   | 4624         | . 40    | 183   | 5128         | . 20    | 93    | 5909         | . 20    | 107   |
| 4309         | . 40    | 171   | 4425         | . 40    | 169   | 4625         | . 40    | 183   | 5143         | . 25    | 93    | 5923         | . 25    | 107   |
| 4312         | . 40    | 163   | 4426         | . 40    | 169   | 4626         | . 40    | 179   | 5144         | . 25    | 93    | 5951         | . 25    | 107   |
| 4314         | . 40    | 151   | 4427         | . 40    | 617   |              |         |       | 5145         | . 25    | 93    | 5952         | . 20    | 107   |



# NUMERICAL ARRANGEMENT OF CHARTS—CONTINUED.

| CHART<br>No. | Price.  | Page. | CHART<br>No. | Price.  | Page.        | CHART<br>No. | Price.  | Page.        | CHART<br>No. | Price.  | Page.        | CHART<br>No. | Price.  | Page. |
|--------------|---------|-------|--------------|---------|--------------|--------------|---------|--------------|--------------|---------|--------------|--------------|---------|-------|
| <b>5971</b>  | \$0. 25 | 107   | <b>6443</b>  | \$0. 50 | 115          | <b>8164</b>  | \$0. 30 | 121          | <b>8283</b>  | \$0. 50 | 125          | <b>8700</b>  | \$0. 50 | 131   |
| <b>5984</b>  | . 25    | 107   | <b>6444</b>  | . 50    | 115          | <b>8168</b>  | . 15    | 121          | <b>8285</b>  | . 25    | 125          | <b>8703</b>  | . 50    | 131   |
| <b>6000a</b> | . 30    | 109   | <b>6445</b>  | . 50    | 115          | <b>8170</b>  | . 50    | 121          | <b>8300</b>  | . 50    | { 117<br>127 | <b>8802</b>  | . 50    | 91    |
| <b>6003</b>  | . 20    | 109   | <b>6446</b>  | . 25    | 115          | <b>8174</b>  | . 15    | 121          | <b>8302</b>  | . 50    |              | <b>8822</b>  | . 50    | 133   |
| <b>6023</b>  | . 25    | 109   | <b>6447</b>  | . 50    | 115          | <b>8176</b>  | . 25    | 121          | <b>8303</b>  | . 50    | 127          | <b>8833</b>  | . 25    | 133   |
| <b>6058</b>  | . 30    | 109   | <b>6448</b>  | . 25    | 115          |              |         |              | <b>8304</b>  | . 50    | 127          |              |         |       |
| <b>6088</b>  | . 25    | 109   | <b>6450</b>  | . 50    | 115          | <b>8179</b>  | . 15    | 121          | <b>8305</b>  | . 25    | 127          | <b>8841</b>  | . 25    | 133   |
| <b>6100</b>  | . 50    | 111   | <b>6451</b>  | . 25    | 115          | <b>8200</b>  | . 50    | { 117<br>123 | <b>8306</b>  | . 25    | 127          | <b>8851</b>  | . 25    | 133   |
| <b>6102</b>  | . 50    | 113   | <b>6460</b>  | . 50    | 115          | <b>8210</b>  | . 50    |              | <b>8455</b>  | . 25    | 129          | <b>8860</b>  | . 50    | 139   |
| <b>6112</b>  | . 25    | 111   | <b>6462</b>  | . 25    | 115          | <b>8214</b>  | . 25    | 123          | <b>8502</b>  | . 50    | 91           | <b>8881</b>  | . 20    | 131   |
| <b>6122</b>  | . 20    | 111   | <b>7002</b>  | . 50    | 91           | <b>8216</b>  | . 25    | 123          | <b>8513</b>  | . 25    | 129          | <b>8995</b>  | . 25    | 135   |
| <b>6146</b>  | . 25    | 111   | <b>8002</b>  | . 50    | 91           | <b>8218</b>  | . 25    | 123          | <b>8515</b>  | . 50    | 129          | <b>8996</b>  | . 50    | 135   |
| <b>6151</b>  | . 50    | 111   | <b>8051</b>  | . 25    | 119          | <b>8224</b>  | . 25    | 123          | <b>8517</b>  | . 50    | 129          | <b>9000</b>  | . 50    | 91    |
| <b>6152</b>  | . 50    | 111   | <b>8068</b>  | . 20    | 119          | <b>8227</b>  | . 25    | 123          | <b>8519</b>  | . 50    | 129          | <b>9007</b>  | . 10    | 135   |
| <b>6153</b>  | . 50    | 111   | <b>8074</b>  | . 50    | 119          | <b>8228</b>  | . 25    | 123          | <b>8520</b>  | . 50    | 129          | <b>9008</b>  | . 25    | 135   |
| <b>6154</b>  | . 50    | 111   | <b>8075</b>  | . 50    | 119          | <b>8229</b>  | . 25    | 125          | <b>8523</b>  | . 50    | 129          | <b>9050</b>  | . 50    | 133   |
| <b>6185</b>  | . 50    | 111   | <b>8076</b>  | . 25    | 119          | <b>8235</b>  | . 25    | 125          | <b>8524</b>  | . 25    | 129          | <b>9102</b>  | . 50    | 91    |
| <b>6195</b>  | . 25    | 111   | <b>8077</b>  | . 25    | 119          | <b>8237</b>  | . 10    | 125          | <b>8525</b>  | . 30    | 129          | <b>9103</b>  | . 50    | 139   |
| <b>6265</b>  | . 40    | 113   | <b>8084</b>  | . 25    | 119          | <b>8240</b>  | . 25    | 123          | <b>8527</b>  | . 50    | 129          | <b>9104</b>  | . 30    | 139   |
| <b>6300</b>  | . 50    | 115   | <b>8094</b>  | . 50    | 119          | <b>8241</b>  | . 50    | 123          | <b>8538</b>  | . 25    | 129          | <b>9196</b>  | . 25    | 137   |
| <b>6303</b>  | . 25    | 115   | <b>8100</b>  | . 50    | { 117<br>119 | <b>8242</b>  | . 25    | 123          | <b>8550</b>  | . 50    | 129          | <b>9302</b>  | . 50    | 91    |
| <b>6377</b>  | . 25    | 115   | <b>8105</b>  | . 50    |              | <b>8243</b>  | . 25    | 121          | <b>8553</b>  | . 50    | 129          | <b>9370</b>  | . 50    | 139   |
| <b>6378</b>  | . 25    | 115   | <b>8124</b>  | . 25    | 121          | <b>8244</b>  | . 50    | 125          | <b>8554</b>  | . 50    | 129          | <b>9372</b>  | . 25    | 139   |
| <b>6380</b>  | . 50    | 115   | <b>8152</b>  | . 50    | { 117<br>121 | <b>8246</b>  | . 50    | 123          | <b>8555</b>  | . 50    | 131          | <b>9373</b>  | . 25    | 139   |
| <b>6381</b>  | . 50    | 115   | <b>8151</b>  | . 50    |              | <b>8247</b>  | . 50    | 121          | <b>8557</b>  | . 50    | 129          | <b>9375</b>  | . 50    | 139   |
| <b>6399</b>  | . 15    | 115   | <b>8153</b>  | . 30    | 121          | <b>8250</b>  | . 50    | { 117<br>123 | <b>8570</b>  | . 50    | 131          | <b>9380</b>  | . 50    | 139   |
| <b>6400</b>  | . 50    | 117   | <b>8155</b>  | . 50    | 121          | <b>8262</b>  | . 25    |              | <b>8588</b>  | . 25    | 129          | <b>9381</b>  | . 25    | 139   |
| <b>6403</b>  | . 25    | 115   | <b>8157</b>  | . 50    | 121          | <b>8280</b>  | . 50    | 127          | <b>8589</b>  | . 50    | 129          | <b>9382</b>  | . 50    | 139   |
| <b>6405</b>  | . 25    | 115   | <b>8160</b>  | . 50    | 121          | <b>8281</b>  | . 50    | 125          |              |         |              | <b>9385</b>  | . 25    | 139   |
| <b>6412</b>  | . 15    | 115   | <b>8162</b>  | . 50    | 121          | <b>8282</b>  | . 50    | 125          | <b>8665</b>  | . 50    | 129          | <b>9400</b>  | . 40    | 91    |
| <b>6440</b>  | . 25    | 115   |              |         |              |              |         |              |              |         |              |              |         |       |

# INDEX OF THE PRINCIPAL NAMES ON COAST AND GEODETIC SURVEY CHARTS.

[For Philippine Islands names see p. 215.]

| A.   |        | Chart.   |                  | Chart. |
|--|--------|--|------------------|--------|
| Abagadassett Point, Kennebec River, Me.....    | 288    | Annisquam, and River, Ipswich Bay, Mass.....         | 243              |        |
| Aberdeen, British Columbia.....                | 7002   | Ansonia, Housatonic River, Conn.....                 | 1212             |        |
| Aberdeen, Wash.....                            | 6195   | Antioch, Calif.....                                  | 5534             |        |
| Absecon Bay and Inlet, N. J.....               | 1217   | Antipoin Creek, Fleet Bay, Chesapeake Bay, Va.....   | 534              |        |
| Acherk Harbor, Alaska.....                     | 8841   | Apalachee Bay, Fla.....                              | 181              |        |
| Acushnet River, New Bedford Harbor, Mass.....  | 252    | Apalachee River, Ala.....                            | 188              |        |
| Adak Island, Alaska.....                       | 9196   | Apalachicola, Bay and River, Fla.....                | 183              |        |
| Adam Island, New Brunswick.....                | 801    | Apoon Mouth, Yukon River, Alaska.....                | 9372             |        |
| Adams Creek and Neuse River, N. C.....         | 538    | Appletree Cove, Wash.....                            | 6450             |        |
| Addison Point Village, Pleasant River, Me..... | 305    | Appomattox River, Va.....                            | 531              |        |
| Admiralty Inlet, Wash.....                     | 6450   | Apponansett Bay and River, Buzzards Bay, Mass.....   | 252              |        |
| Admiralty Island, Alaska.....                  | 8250   | Apponaug, Greenwich Bay, R. I.....                   | 278              |        |
| Afognak (post office), Alaska.....             | 8570   | Apua Point, T. H.....                                | 4115             |        |
| Agate Passage, Wash.....                       | 6443   | Aquia Creek, Potomac River, Va.....                  | 559              |        |
| Agattu Island, Alaska.....                     | 8851   | Aransas Bay and Pass, Tex.....                       | 209              |        |
| Aguadilla and Bay, P. R.....                   | 901    | Arcata, and Bay, Calif.....                          | 5832             |        |
| Ahua Point, T. H.....                          | 4116   | Areebo, Port and River, P. R.....                    | 903              |        |
| Ajax Reef, Fla.....                            | 166    | Arrowsic Island, Kennebec River, Me.....             | 314              |        |
| Akutan Pass, Alaska.....                       | 8860   | Arroyo, and Port, P. R.....                          | 902              |        |
| Alalakeiki Channel, T. H.....                  | 4116   | Arroyo Grande, Calif.....                            | 5303             |        |
| Alameda, Calif.....                            | 5531   | Arthur Kill, N. J.—N. Y.....                         | 369              |        |
| Alaska Peninsula, Alaska.....                  | 8802   | Arverne, Rockaway Beach, N. Y.....                   | 542              |        |
| Albany, Hudson River, N. Y.....                | 284    | Ashepoo River, St. Helena Sound, S. C.....           | 154              |        |
| Albemarle and Chesapeake Canal, Va.....        | 1227   | Ashley River, S. C.....                              | 445              |        |
| Albemarle Sound, N. C.....                     | 1228-9 | Assateague Anchorage, Bay, Inlet and Island, Va..... | 1220             |        |
| Albina, Wash.....                              | 6154   | Assawoman Bay, Md.....                               | 1220             |        |
| Albion, Calif.....                             | 5703   | Assawoman Creek and Inlet, Va.....                   | 1221             |        |
| Alcatraz Island, Calif.....                    | 5532   | Astoria, Long Island Sound, N. Y.....                | 369 <sup>5</sup> |        |
| Alenuihaha Channel, T. H.....                  | 4115   | Astoria, Ore.....                                    | 6151             |        |
| Alutian Islands, Alaska.....                   | 9102   | Atchafalya Bay and River, La.....                    | 199              |        |
| Alexandria, Va.....                            | 560    | Athens, Hudson River, N. Y.....                      | 283              |        |
| Alexandrovsk, Alaska.....                      | 8589   | Atka Island, Alaska.....                             | 9196             |        |
| Algarrbo Reef and Point, P. R.....             | 931    | Atkins Bay, Kennebec River, Me.....                  | 314              |        |
| Alia Light and Point, T. H.....                | 4115   | Atlantic Basin, Brooklyn, N. Y.....                  | 369 <sup>4</sup> |        |
| Allen Island, Me.....                          | 312    | Atlantic City, N. J.....                             | 12117            |        |
| Alligator Harbor, St. George Sound, Fla.....   | 182    | Atlantic, Quincy Bay, Mass.....                      | 246              |        |
| Alligator Reef, Fla.....                       | 167    | Attu Island, Alaska.....                             | 9196             |        |
| Alligator River, Albemarle Sound, N. C.....    | 1228   | Auau Channel T. H.....                               | 4116             |        |
| Alloway Creek, Delaware River, N. J.....       | 294    | Aucilla River, Fla.....                              | 181              |        |
| Alsea Bay, Ore.....                            | 5802   | Aucoot Cove, Buzzards Bay, Mass.....                 | 251              |        |
| Altamaha River and Sound, Ga.....              | 446    | Augusta, Kennebec River, Me.....                     | 289              |        |
| Alvarado, Calif.....                           | 5531   | Avery Point, Thames River, Conn.....                 | 293              |        |
| Amalga, (post office), Alaska.....             | 8300   | Avila, Calif.....                                    | 5386             |        |
| Ambrose Channel, New York Harbor, N. Y.....    | 369    | Avondale, Pawcatuck River, R. I.....                 | 358              |        |
| Amchitka Island, Alaska.....                   | 8851   |  |                  |        |
| Amelia Island, Fla.....                        | 158    | B.   |                  |        |
| Amelia River, Fla.....                         | 453    | Babylon, Great South Bay, N. Y.....                  | 578              |        |
| Amityville, Great South Bay, N. Y.....         | 578    | Baccaro Point, Nova Scotia.....                      | 1000             |        |
| Amukta Pass, Alaska.....                       | 9102   | Back Bay, Narragaus Bay, Me.....                     | 305              |        |
| Anacapa Island and Passage, Calif.....         | 5126   | Back Bay, New Brunswick.....                         | 801              |        |
| Anacortes and Harbor, Wash.....                | 6377   | Back Bay, N. C. and Va.....                          | 1227             |        |
| Anacostia and River, Potomac River, D. C.....  | 560    | Back River, Chesapeake Bay, Va.....                  | 494              |        |
| Anasco Bay and River, P. R.....                | 901    | Back River Cove, Medomak River, Me.....              | 313              |        |
| Anastasia Island, Fla.....                     | 159    | Back River, Doboy Sound, Ga.....                     | 446              |        |
| Anchorage, Alaska.....                         | 8557   | Back River, Kennebec River, Me.....                  | 314              |        |
| Anchorage Chart, New York Harbor, N. Y.....    | 541    | Back River, St. Simon Sound, Ga.....                 | 157              |        |
| Anclote, Anchorage, Keys, and River, Fla.....  | 178    | Back Sound, Core Sound, N. C.....                    | 421              |        |
| Andrews Island, Me.....                        | 312    | Bacon Inlet, N. C.....                               | 150              |        |
| Androscoggin River, Me.....                    | 1204   | Baffin Bay, Laguna Madre, Tex.....                   | 210              |        |
| Angel Island, Calif.....                       | 5532   | Bagaduce River, Me.....                              | 311              |        |
| Angeles Port, Wash.....                        | 6303   | Bahia Honda, and Harbor, Fla.....                    | 168              |        |
| Anoon, Alaska.....                             | 8250   | Baileys Island, Casco Bay, Me.....                   | 315              |        |
| Annapolis, and Harbor, Md.....                 | 385    | Baileys Mistake, Me.....                             | 101              |        |
| Annette Island, Alaska.....                    | 8074   | Bainbridge Island, Wash.....                         | 6444             |        |
|  |        | Baker Bay, Wash.....                                 | 6151             |        |

|   | Chart.    |  | Chart. |
|---|-----------|--|--------|
| Baker Island, Me.....                               | 306       | Belkofski, Alaska.....                               | 8703   |
| Baker Island, Salem Harbor, Mass.....               | 244       | Bellamy River, Piscataqua River, N. H.....           | 229    |
| Balboa Bay, Alaska.....                             | 8851      | Belle Harbor, Rockaway Beach, N. Y.....              | 542    |
| Balboa Bay, Canal Zone.....                         | 952       | Bellhaven, Pungo River, N. C.....                    | 1231   |
| Balboa, Calif.....                                  | 5102      | Bellingham Bay, Wash.....                            | 6378   |
| Bald Head, Campobello Island, New Brunswick.....    | 801       | Bells River, Amelia River, Fla.....                  | 158    |
| Balinas Bay, Calif.....                             | 5532      | Belmont Bay, Potomac River, Va.....                  | 560    |
| Ballard, Wash.....                                  | 6446      | Belport Bay, Great South Bay, N. Y.....              | 578    |
| Baltimore, and Harbor, Md.....                      | 549       | Benbow Neck, Me.....                                 | 801    |
| Banana Creek and River, Fla.....                    | 161       | Benfield, British Columbia.....                      | 7002   |
| Bandon, Oreg.....                                   | 5971      | Benicia, Calif.....                                  | 5534   |
| Bangor, Me.....                                     | 311       | Benjamin River, Eggenoggin Reach, Me.....            | 309    |
| Bar Harbor, Mount Desert Island, Me.....            | 318       | Bergen Beach, Jamaica Bay, N. Y.....                 | 542    |
| Bar Island, Me.....                                 | 318       | Bergen, N. J.....                                    | 369    |
| Baranof, Alaska.....                                | 8243      | Bergen Point, N. J.....                              | 544    |
| Barataria Bay and Pass, La.....                     | 195       | Bering Sea, Alaska.....                              | 9302   |
| Barbers Point and Lighthouse.....                   | 4116      | Berkeley, Calif.....                                 | 5532   |
| Barca Islands, P. R.....                            | 909       | Berkeley, Elizabeth River, Va.....                   | 451    |
| Barinof Island, Alaska.....                         | 8250      | Berners Bay, Alaska.....                             | 8303   |
| Barlow Cove, Alaska.....                            | 8302      | Beverly, and Harbor, Mass.....                       | 244    |
| Barn Island, New Brunswick.....                     | 801       | Biddeford, Saco River, Me.....                       | 1205   |
| Barnegat Bay and Inlet, N. J.....                   | 1216      | Big Annessex River, Chesapeake Bay, Md.....          | 1224   |
| Barness Sound, Fla.....                             | 167       | Big Lagoon, Fla.....                                 | 187    |
| Barnstable, and Harbor, Cape Cod Bay, Mass.....     | 339       | Big Marco Pass and River, Fla.....                   | 173    |
| Barren Island, Jamaica Bay, N. Y.....               | 542       | Big Pine Key, Fla.....                               | 168    |
| Barrington River, Warren River, R. I.....           | 355       | Big Spanish Key Channel, Fla.....                    | 168    |
| Barrow Post Office and Point, Alaska.....           | 9400      | Billingsgate Shoal, Cape Cod Bay, Mass.....          | 340    |
| Barter Island, Sheepscot River, Me.....             | 314       | Biloxi, Bay and River, Miss.....                     | 190    |
| Bartlett Island and Narrows, Blue Hill Bay, Me..... | 307       | Bireh Island, Casco Bay, Me.....                     | 315    |
| Barton Island, West Penobscot Bay, Me.....          | 310       | Bireh Point, Cobscook Bay, Me.....                   | 801    |
| Basin, The, Vinal Haven Island, Me.....             | 311a      | Bishop and Clerks Shoal, Nantucket Sound, Mass.....  | 247    |
| Bass Harbor, Blue Hill Bay, Me.....                 | 307       | Black Bay, New Brunswick.....                        | 801    |
| Bass Harbor Head, Mount Desert Island, Me.....      | 308       | Black Island, Blue Hill Bay, Me.....                 | 308    |
| Bass River, Nantucket Sound, Mass.....              | 1209      | Black Point, Niantic Bay, Conn.....                  | 1212   |
| Bassetts Island, Buzzards Bay, Mass.....            | 251       | Black Rock Harbor, Conn.....                         | 220    |
| Bastrop Bay, Tex.....                               | 1281      | Blackbeard Island, Ga.....                           | 156    |
| Batchelor Bay, Albemarle Sound, N. C.....           | 409       | Blackstone Island, Potomac River, Md.....            | 558    |
| Bath Creek, Pamlico River, N. C.....                | 537       | Blackwater Bay and River, Fla.....                   | 186    |
| Bath, Kennebec River, Me.....                       | 314       | Blackwater Sound, Fla.....                           | 167    |
| Battery, The, New York, N. Y.....                   | 3694      | Blackwells Island, East River, N. Y.....             | 369    |
| Bay Bodreau, Mississippi Sound, La.....             | 190       | Blaine, Wash.....                                    | 6399   |
| Bayboro, Bay River, N. C.....                       | 538       | Blake Point, Buzzards Bay, Mass.....                 | 251    |
| Bay City, Calif.....                                | 5102      | Blakely River, Mobile Sound, Ala.....                | 188    |
| Bay City, Oreg.....                                 | 6112      | Blakely, Wash.....                                   | 6444   |
| Bay Head, N. J.....                                 | 1216      | Blind Bay, Mississippi River, Entrance, La.....      | 194    |
| Bay La Launch, Ala.....                             | 187       | Blind Pass, Boca Ceiga Bay, Fla.....                 | 177    |
| Bay of Fundy, Nova Scotia.....                      | 1000      | Bliss Harbor and Island, Me.....                     | 101    |
| Bay of Islands, Alaska.....                         | 9196      | Block Island and Sound, N. Y. and Conn.....          | 1211   |
| Bay of Panama, Canal Zone.....                      | 954       | Block Island Harbor, R. I.....                       | 276    |
| Bay of Pillars, Alaska.....                         | 8241      | Blount Bay and Creek, Pamlico River, N. C.....       | 537    |
| Bay of Water Falls, Alaska.....                     | 9196      | Blue Hill, Bay, Harbor and Neck, Me.....             | 307    |
| Bayonne, N. J.....                                  | 369       | Bluff (post office), Alaska.....                     | 9380   |
| Bayou Chico, Pensacola Bay, Fla.....                | 490       | Bluffton, Wash.....                                  | 6400   |
| Bayou Grande, Pensacola Bay, Fla.....               | 499       | Blunts Reef, Calif.....                              | 5795   |
| Bayou Texar, Pensacola Bay, Fla.....                | 490       | Boca Ceiga Bay, Fla.....                             | 177    |
| Bay Point, Calif.....                               | 5534      | Boca Chica Channel and Island, Fla.....              | 169    |
| Bay Ridge Channel, New York Harbor, N. Y.....       | 541       | Boca Grande Channel and Key, Fla.....                | 169    |
| Bay Ridge, Long Island, N. Y.....                   | 369       | Bocabec Bay and River, New Brunswick.....            | 801    |
| Bay River, Pamlico Sound, N. C.....                 | 538-1231  | Bocadel Infierno, P. R.....                          | 909    |
| Bayside, Calif.....                                 | 5832      | Bocilla Pass, Fla.....                               | 175    |
| Bay View, Oreg.....                                 | 5802-6112 | Bodega Bay, Calif.....                               | 5627   |
| Beals Island, Me.....                               | 304       | Bodie Island, N. C.....                              | 1229   |
| Bean Island, New Brunswick.....                     | 801       | Boggy Bayou and Point, Choctawhatchee Bay, Fla.....  | 185    |
| Bear Creek and Inlet, N. C.....                     | 1234      | Bogue Banks, Inlet and Sound, N. C.....              | 1234   |
| Bear Island, New Meadows River, Me.....             | 315       | Bohema River, Chesapeake Bay, Md.....                | 1226   |
| Bear River, St. Catherine's Sound, Ga.....          | 156       | Bois Bubert Island, Me.....                          | 305    |
| Bears Cut, Key Biscayne Bay, Fla.....               | 165       | Bollins Point, Calif.....                            | 5599   |
| Bearse's Shoal, Monomoy Shoals, Mass.....           | 250       | Bolivar Peninsula and Point, Galveston Bay, Tex..... | 204    |
| Beaufort, Entrance and Harbor, N. C.....            | 420       | Bombay Hook, Island and Point, Del.....              | 1218   |
| Beaufort, S. C.....                                 | 437       | Bon Secours Bay, Mobile Bay, Ala.....                | 188    |
| Beaufort River, S. C.....                           | 155       | Bona Island, Panama.....                             | 954    |
| Beaumont, Neches River, Tex.....                    | 203       | Bonita Cove, Calif.....                              | 5532   |
| Beaver Harbor, New Brunswick.....                   | 101       | Boothbay Harbor, Me.....                             | 314    |
| Beaver Hill, Oreg.....                              | 5802      | Boqueron, and Bay, P. R.....                         | 932    |
| Bechers Bay, Calif.....                             | 5202      | Bordentown, N. J.....                                | 296    |
| Behm Canal, Alaska.....                             | 8124      | Bostick Bay, Gardiners Bay, N. Y.....                | 298    |
| Belfast Bay and River, Me.....                      | 311       | Boston, Cape Cod, and New York Canal, Mass.....      | 1208   |
| Belfast Harbor, Me.....                             | 319       | Boston Harbor, Mass.....                             | 246    |
|   |           | Boston Inner Harbor, Mass.....                       | 248    |



|  | Chart.  |
|--|---------|
| Boston, Wash.....  | 6400    |
| Bouble Shot Islands, Me.....                             | 301     |
| Bowery Bay, East River, N. Y.....                        | 273     |
| Boyden Lake, Me.....                                     | 801     |
| Bradbury Island, East Penobscot Bay, Me.....             | 309     |
| Bradford Coal Depot, Newport, R. I.....                  | 262     |
| Branford, Harbor and River, Long Island Sound, Conn..... | 217     |
| Brazos Island, Tex.....                                  | 212     |
| Brazos River and Entrance, Tex.....                      | 525     |
| Brazos Santiago, Tex.....                                | 212     |
| Breeds Island, Boston Harbor, Mass.....                  | 246     |
| Bremen Long Island, Muscongus Bay, Me.....               | 313     |
| Bremerton, Wash.....                                     | 6440    |
| Brenton Cove, Newport Harbor, R. I.....                  | 3532    |
| Breton Bay, Potomac River, Md.....                       | 558     |
| Breton, Island and Sound, La.....                        | 192     |
| Brewer, Penobscot River, Me.....                         | 311     |
| Brewster, Cape Cod, Mass.....                            | 1208    |
| Brewsters Reef, Fla.....                                 | 166     |
| Briar Island, Nova Scotia.....                           | 1106    |
| Brickhill River, Cumberland River, Ga.....               | 448     |
| Bridgeport, and Harbor, Conn.....                        | 220     |
| Brigantine Beach and Inlet, N. J.....                    | 1217    |
| Brighton Beach, Oreg.....                                | 6122    |
| Bristol, Harbor and Neck, Narragansett Bay, R. I.....    | 354a    |
| Broad Channel, Jamaica Bay, N. Y.....                    | 542     |
| Broad Cove and Sound, Casco Bay, Me.....                 | 315     |
| Broad Cove, Medomak River, Me.....                       | 313     |
| Broad Creek, Neuse River, N. C.....                      | 1231    |
| Broad River, Port Royal Sound, S. C.....                 | 517-437 |
| Broad Sound, Boston Harbor, Mass.....                    | 109     |
| Broadkill Beach, Neck and River, Del.....                | 1218    |
| Bronx Kill, N. Y.....                                    | 274     |
| Bronx River, N. Y.....                                   | 369     |
| Brookfield, Wash.....                                    | 6152    |
| Brooklin, Me.....  | 307     |
| Bookline, Boston, Mass.....                              | 109     |
| Brooklyn, N. Y.....                                      | 369     |
| Brooks Island, Calif.....                                | 5532    |
| Brothers Island, Me.....                                 | 303     |
| Browns Inlet, N. C.....                                  | 1234    |
| Browns Island, Calif.....                                | 5534    |
| Brownsville, Rio Grande, Tex.....                        | 212     |
| Brunswick Harbor and River, Ga.....                      | 447     |
| Buck Harbor, Eggemoggin Reach, Me.....                   | 309     |
| Bucks Harbor, Me.....                                    | 303     |
| Bucksport, and Center, Penobscot Bay, Me.....            | 311     |
| Budd Inlet, Wash.....                                    | 6462    |
| Bull Bay, Albemarle Sound, N. C.....                     | 1228    |
| Bull Bay, Creek, Harbor, and Island, S. C.....           | 153     |
| Bull River, St. Helena Sound, S. C.....                  | 435     |
| Burlington, N. J.....                                    | 296     |
| Burnside River, Vernon River, Ga.....                    | 156     |
| Burnt Coat Harbor, Swan Island, Me.....                  | 308     |
| Burnt Island, Me.....                                    | 312     |
| Burnt Porcupine Island, Frenchman Bay, Me.....           | 306     |
| Burton, Wash.....  | 6444    |
| Burwells Bay, James River, Va.....                       | 529     |
| Bush River, Chesapeake Bay, Md.....                      | 1226    |
| Butter Island, East Penobscot Bay, Me.....               | 309     |
| Buttermilk Bay, Buzzards Bay, Mass.....                  | 251     |
| Buttermilk Channel, New York Harbor, N. Y.....           | 3694    |
| Buttermilk Sound, Altamaha Sound, Ga.....                | 446     |
| Buzzards Bay, Mass.....                                  | 249     |
| Byards Point, Eggemoggin Reach, Me.....                  | 309     |
| <b>C.</b>  |         |
| Cabras Island, P. R.....                                 | 908     |
| Cabullon Bight and Point, P. R.....                      | 927     |
| Cailliff Island, New Brunswick.....                      | 801     |
| Caillon Bay, La.....                                     | 198     |
| Caillon Island and Pass, Timbalier Bay, La.....          | 197     |
| Calais, Me.....  | 801     |
| Calcasieu Lake, La.....                                  | 202     |
| Calcasieu Pass, La.....                                  | 518     |
| Calder, Alaska.....                                      | 8176    |
| Calderwood Neck, Me.....                                 | 311a    |
| Caldwell Island, St. George River, Me.....               | 312     |

|   | Chart. |
|---|--------|
| Calf Island, Boston Harbor, Mass.....               | 246    |
| Calf Island, Flanders Bay, Me.....                  | 306    |
| Calibogue Sound, S. C.....                          | 571    |
| Caloosahatchee River, Fla.....                      | 473    |
| Camano Island, Wash.....                            | 6450   |
| Camas, Wash.....                                    | 6146   |
| Cambria, Calif.....                                 | 5302   |
| Cambridge, Boston, Mass.....                        | 248    |
| Camden, Me.....                                     | 321    |
| Camden, N. J.....                                   | 380    |
| Caminada Bay, and Pass, La.....                     | 195    |
| Camp Taylor, Alaska.....                            | 8152   |
| Campbell Point, Oak Bay, New Brunswick.....         | 801    |
| Campobello Island, New Brunswick.....               | 801    |
| Canal de Luis Pena, P. R.....                       | 915    |
| Canal Zone.....                                     | 954    |
| Canapitsit Channel, Cuttyhunk Harbor, Mass.....     | 249    |
| Canarsie, Jamaica Bay, N. Y.....                    | 542    |
| Cane Patch Creek, S. C.....                         | 151    |
| Cano de Martin Pena, P. R.....                      | 908    |
| Cano de San Antonio, P. R.....                      | 908    |
| Cape Alava, Wash.....                               | 6265   |
| Cape Ann, Mass.....                                 | 243    |
| Cape Arago, Oreg.....                               | 5984   |
| Cape Bingham, Alaska.....                           | 8304   |
| Cape Blanco, Oreg.....                              | 5952   |
| Cape Canaveral, Fla.....                            | 161    |
| Cape Carter, Eggemoggin Reach, Me.....              | 309    |
| Cape Chacon, Alaska.....                            | 8074   |
| Cape Charles and City, Va.....                      | 1222   |
| Cape Cod Bay, Mass.....                             | 1208   |
| Cape Cod, Boston, and New York Canal, Mass.....     | 1208   |
| Cape Disappointment, Wash.....                      | 6151   |
| Cape Elizabeth, Casco Bay, Me.....                  | 1204   |
| Cape Elizabeth, Wash.....                           | 6400   |
| Cape Etolin Anchorage, Alaska.....                  | 9196   |
| Cape Fairweather, Alaska.....                       | 8002   |
| Cape Falcon, Oreg.....                              | 6100   |
| Cape Fear River Entrance, N. C.....                 | 424    |
| Cape Fear River, N. C.....                          | 150    |
| Cape Ferrelo, Oreg.....                             | 5702   |
| Cape Flattery, Wash.....                            | 6265   |
| Cape Florida, Fla.....                              | 166    |
| Cape Fourchu, Nova Scotia.....                      | 1106   |
| Cape Gellison, Penobscot River, Me.....             | 311    |
| Cape Hanamanioa and Light, T. H.....                | 4116   |
| Cape Hatteras, N. C.....                            | 1232   |
| Cape Henlopen, Del.....                             | 379    |
| Cape Henry, Va.....                                 | 1222   |
| Cape Kaea, T. H.....                                | 4116   |
| Cape Kawaihoa, T. H.....                            | 4117   |
| Cape Kinan, T. H.....                               | 4116   |
| Cape Kiwanda, Oreg.....                             | 6088   |
| Cape Kumukahi, T. H.....                            | 4115   |
| Cape Lookout, Bight, and Shoal, N. C.....           | 1233   |
| Cape Lookout, Oreg.....                             | 6000a  |
| Cape May and Point, N. J.....                       | 1218   |
| Cape Mears, Oreg.....                               | 6112   |
| Cape Mendocino, Calif.....                          | 5795   |
| Cape Neddick and Harbor, Me.....                    | 228    |
| Cape Newagen, Me.....                               | 314    |
| Cape Poge and Bay, Chappaquiddick Island, Mass..... | 346    |
| Cape Porpoise, Me.....                              | 1205   |
| Cape Resurrection, Alaska.....                      | 8527   |
| Cape Rojo, P. R.....                                | 901    |
| Cape Romain, S. C.....                              | 153    |
| Cape Romano and Shoals, Fla.....                    | 173    |
| Cape Romanzof, Alaska.....                          | 9370   |
| Cape Rosier, Penobscot Bay, Me.....                 | 309    |
| Cape Sable, Fla.....                                | 168    |
| Cape Sable, Nova Scotia.....                        | 1000   |
| Cape St. Elias, Alaska.....                         | 8513   |
| Cape St. Mary, Nova Scotia.....                     | 1106   |
| Cape San Blas, Fla.....                             | 183    |
| Cape San Juan and Passage, P. R.....                | 921    |
| Cape San Martin, Calif.....                         | 5302   |
| Cape Sebastian, Oreg.....                           | 5951   |
| Cape Small, Me.....                                 | 314    |

|   | Chart.  |   | Chart.    |
|---|---------|---|-----------|
| Cape Spencer, Alaska.....                               | 8304    | Chatham Strait, Alaska.....   | 8250      |
| Cape Spencer, New Brunswick.....                        | 1000    | Chechessee River, Port Royal Sound, S. C.....                       | 571       |
| Cape Split and Harbor, Me.....                          | 304     | Cheeniik, Alaska.....   | 9382      |
| Cape Vizcaino, Calif.....                               | 5602    | Chef Menteur Pass, La.....  | 1263      |
| Cape Wash, Me.....                                      | 303     | Chelkoot, Alaska.....   | 8303      |
| Capers Island, Creek, and Inlet, S. C.....              | 153     | Chelsea and River, Mass.....  | 248       |
| Capitola, Calif.....                                    | 5403    | Chelsea, Kennebec River, Me.....                                    | 289       |
| Captain Harbor, Long Island Sound, Conn.....            | 222     | Chernofski Harbor, Alaska.....                                      | 9196      |
| Captiva Island, Fla.....                                | 175     | Cherry Grove Inlet, S. C.....                                       | 151       |
| Card Sound, Fla.....                                    | 166     | Cherry Point, Chesapeake Bay, Va.....                               | 534       |
| Cardiff, Calif.....                                     | 5102    | Cherryfield, Me.....  | 305       |
| Cardona Island, P. R.....                               | 927     | Cherrystone Inlet, Chesapeake Bay, Va.....                          | 1222      |
| Carlsbad, Calif.....                                    | 5102    | Chesapeake and Delaware Canal.....                                  | 294-1226  |
| Carmanah, British Columbia.....                         | 6102    | Chesapeake Bay.....   | 77-78     |
| Carmel Bay and Point, Calif.....                        | 5476    | Chesconessex Creek, Chesapeake Bay, Va.....                         | 1223      |
| Carneys Point, Kennebec River, Me.....                  | 314     | Chester and Creek, Connecticut River, Conn.....                     | 254       |
| Carpinteria, Calif.....                                 | 5202    | Chester, Pa.....  | 295       |
| Carquinez Strait, Calif.....                            | 5534    | Chester River, Md.....  | 548       |
| Carrabelle and River, St. George Sound, Fla.....        | 182     | Chetka Cove, Oreg.....  | 5909      |
| Carrying Place Cove, Dyer Bay, Me.....                  | 305     | Chiachi Islands, Alaska.....  | 8831      |
| Carter Creek, Rappahannock River, Va.....               | 534     | Chicamaecomico, N. C.....   | 1229      |
| Carvers Cove, Fox Island, Thorofare, Me.....            | 311a    | Chichagof Island, Alaska.....                                       | 8250      |
| Carvers Harbor, Vinalhaven Island, Me.....              | 310     | Chickahominy River, James River, Va.....                            | 530       |
| Carysfort Reef, Fla.....                                | 166     | Chignik, Alaska.....  | 8822      |
| Cascade Head, Oreg.....                                 | 6000a   | Chilkat, Alaska.....  | 8513      |
| Casco Bay, Me.....                                      | 315     | Chilkat River, and Inlet, Alaska.....                               | 8303      |
| Casco Island, New Brunswick.....                        | 801     | Chilkoot Inlet, Alaska.....   | 8303      |
| Casco Passage, Me.....                                  | 308     | China Harbor, Calif.....  | 5302      |
| Casey Pass, Dona Bay, Fla.....                          | 176     | Chincoteague Bay, Inlet, Island, Point, and Shoals, Md. and Va..... | 1220      |
| Cashes Ledge, Mass.....                                 | 1106    | Chippok Creek, James River, Va.....                                 | 530       |
| Caspar and Anchorage, Calif.....                        | 5705    | Chippis Island, Calif.....  | 5534      |
| Castine and Harbor, Me.....                             | 311     | Chirikof Island, Alaska.....  | 8831-9196 |
| Castle Neck and River, Ipswich Bay, Mass.....           | 243     | Choctawhatchee Bay, and River, Fla.....                             | 185       |
| Castle Point, Hudson River, N. J.....                   | 369a    | Chokaliska Pass, Fla.....   | 173       |
| Castleton, Hudson River, N. Y.....                      | 284     | Cholmondeley Sound, Alaska.....                                     | 8074      |
| Castroville, Calif.....                                 | 5403    | Choptank River, Md.....   | 1225      |
| Catalina Harbor, Calif.....                             | 5128    | Chowan River, Albemarle Sound, N. C.....                            | 1228      |
| Catano and Point, P. R.....                             | 908     | Christiana River, Delaware River, Del.....                          | 294       |
| Cat Island and Channel, Mississippi Sound, Miss.....    | 190     | Christiansted, St. Croix Island, West Indies.....                   | 920       |
| Cat Island and Channel, Salem Harbor, Mass.....         | 244     | Chuckamut, Wash.....  | 6378      |
| Cat Island Pass, Terrebonne Bay, La.....                | 197     | Church Point, Nova Scotia.....                                      | 1106      |
| Cataumet Harbor, Buzzards Bay, Mass.....                | 251     | City Island, Long Island Sound, N. Y.....                           | 272       |
| Cathlamet and Bay, Wash.....                            | 6151    | City Point, James River, Va.....                                    | 531       |
| Catskill, Hudson River, N. Y.....                       | 283     | Claremont, N. J.....  | 369a      |
| Caximbas Bay and Pass, Fla.....                         | 173     | Clarence Strait, Alaska.....  | 8100      |
| Cayucos, Calif.....                                     | 5302    | Clark Cove, Buzzards Bay, Mass.....                                 | 252       |
| Cedar Island Bay, Pamlico Sound, N. C.....              | 1231    | Clark Cove, Damariscotta River, Me.....                             | 313       |
| Cedar Island, Core Sound, N. C.....                     | 1233    | Clark Point, New Brunswick.....                                     | 801       |
| Cedar Islands, Great South Bay, N. Y.....               | 578     | Clarks Island, Me.....  | 312       |
| Cedar Keys and Channels, Fla.....                       | 480     | Clatsop, Oreg.....  | 6100      |
| Center Harbor, Eggemoggin Reach, Me.....                | 308     | Clatsop Spit, Oreg.....   | 6151      |
| Center Island, Oyster Bay, Long Island Sound, N. Y..... | 224     | Clearwater, and Harbor, Fla.....                                    | 177       |
| Centerville Harbor and River, Mass.....                 | 247     | Clement Point, East Bay, Me.....                                    | 801       |
| Chacon Cape, Alaska.....                                | 8074    | Cleone, Calif.....  | 5602      |
| Chadwick, N. J.....                                     | 1216    | Cleveland Passage, Alaska.....                                      | 8216      |
| Chagres River, Canal Zone.....                          | 954     | Clinton, and Harbor, Long Island Sound, Conn.....                   | 216       |
| Chaik Bay, Alaska.....                                  | 8246    | Cloes River, Mount Hope Bay, R. I.....                              | 353       |
| Challam, Wash.....                                      | 6300    | Clubfoot Creek, Neuse River, N. C.....                              | 538       |
| Chamcook Harbor, Nova Scotia.....                       | 801     | Coal Harbor, Alaska.....  | 8700      |
| Chame Point, Panama.....                                | 954     | Coalbin Rock, Fla.....  | 1252      |
| Chandeleur Islands and Sound, La.....                   | 190-192 | Coaling Depot, Newport, R. I.....                                   | 262       |
| Chandler Bay and River, Me.....                         | 304     | Coan River, Potomac River, Va.....                                  | 557       |
| Chandler Cove, Casco Bay, Me.....                       | 315     | Coasters Harbor Island, Newport Harbor, R. I.....                   | 353a      |
| Chapin Bay, Alaska.....                                 | 8242    | Cobham Bay, and Creek, James River, Va.....                         | 529       |
| Chappaquiddick Island, Nantucket Sound, Mass.....       | 346     | Cobscook Bay, Me.....   | 801       |
| Chappaquoit Point, Buzzards Bay, Mass.....              | 249     | Coheco River, Piscataqua River, N. H.....                           | 229       |
| Charles River, Boston, Mass.....                        | 248     | Cockenoe Harbor, and Island, Long Island Sound, Conn.....           | 221       |
| Charleston Harbor and Entrance, S. C.....               | 154     | Cockrells Creek, and Point, Chesapeake Bay, Va.....                 | 534       |
| Charleston, S. C.....                                   | 445     | Cocoa, Indian River, Fla.....                                       | 161       |
| Charleston, Wash.....                                   | 6440    | Cocoonut Point and Light, T. H.....                                 | 4103      |
| Charlestown, Boston, Mass.....                          | 248     | Coecles Harbor, Gardiners Bay, N. Y.....                            | 298       |
| Charlotte Amalie, St. Thomas Island, West Indies.....   | 933     | Coffins Patches, Fla.....   | 168       |
| Charlotte Harbor, Fla.....                              | 175     | Cohansey River, Delaware River, N. J.....                           | 1218      |
| Charlotte Harbor and Main Entrance, Fla.....            | 474     | Cohasset, Cove, and Harbor, Mass.....                               | 242       |
| Chasina Anchorage, Alaska.....                          | 8074    | Cohasset Narrows, Buzzards Bay, Mass.....                           | 251       |
| Chassahowitzka Bay, River, and Point, Fla.....          | 179     | Coinjock Bay, Currtuck Bay, N. C.....                               | 1227      |
| Chatham Bar and Roads, Mass.....                        | 1209    | Colby, Wash.....  | 6444      |
| Chatham River, Fla.....                                 | 173     | Cold Spring Harbor, N. J.....                                       | 1218      |



## Chart.

|  |                 |
|--|-----------------|
| Cold Spring Harbor, Oyster Bay, Long Island Sound, N. Y. | 578             |
| Cold Spring, Hudson River, N. Y.                         | 282             |
| College Point, Long Island, N. Y.                        | 273             |
| Colleton River, Chechessee River, S. C.                  | 571             |
| Colon, and Harbor, Canal Zone.                           | 950             |
| Colonial Beach, Potomac River, Va.                       | 558             |
| Columbia Falls, Me.                                      | 305             |
| Columbia River Entrance, Oreg. and Wash.                 | 6151            |
| Combahee River, St. Helena Sound, S. C.                  | 154             |
| Comet, Alaska.   | 8303            |
| Commencement Bay, Wash.                                  | 6451            |
| Communipaw, N. J.  | 369 4           |
| Conanicut Island, Narragansett Bay, R. I.                | 353 2           |
| Conary Island, Eggmoggin Reach, Me.                      | 309             |
| Conch Reef, Fla.   | 167             |
| Condado Bay, P. R.                                       | 908             |
| Condon Point, Eggmoggin Reach, Me.                       | 309             |
| Cone Island, Me.   | 305             |
| Coney Island, N. Y.                                      | 369             |
| Conimicut, and Point, Narragansett Bay, R. I.            | 278             |
| Connecticut River, Conn.                                 | 215-254-255-256 |
| Conscience Bay, Long Island, N. Y.                       | 361 4           |
| Constable Hook, and Point, New York Harbor, N. J.        | 541             |
| Constantine Harbor, Alaska.                              | 9196            |
| Controller Bay, Alaska.                                  | 8513            |
| Convenient Cove, Alaska.                                 | 8105            |
| Cook Inlet, Alaska.                                      | 8553-8554       |
| Cook Point, Oreg.  | 5923            |
| Cooks Mountain, T. H.                                    | 4115            |
| Cooper Point, Calif.                                     | 5476            |
| Cooper River, Calibogue Sound, S. C.                     | 155             |
| Cooper River (Charleston), S. C.                         | 445             |
| Coosaw River, S. C.                                      | 435             |
| Coos Bay, Oreg.  | 5984            |
| Coos City, Oreg.   | 5802            |
| Copalis, Wash.   | 6400            |
| Copano Bay, Tex.   | 209             |
| Coppermount, Alaska.                                     | 8052            |
| Coquelle, Oreg.  | 5802            |
| Coquille River Entrance, Oreg.                           | 5971            |
| Cordell Bank, Calif.                                     | 5502            |
| Cordillera Reef, P. R.                                   | 921             |
| Cordova, Alaska.   | 8525            |
| Cordova Bay, Alaska.                                     | 8100            |
| Core Creek, N. C.  | 420             |
| Core Sound and Neck, N. C.                               | 421             |
| Corlears Hook, New York, N. Y.                           | 369 4           |
| Corncake Inlet, N. C.                                    | 424             |
| Cornfield Point, Long Island Sound, Conn.                | 215             |
| Cornwell on Hudson, N. Y.                                | 282             |
| Corona del Mar, Calif.                                   | 5102            |
| Coronados, Middle, North and South, Calif.               | 5102            |
| Corpus Christi, Bay, and Pass, Tex.                      | 210             |
| Corrotoman River, Rappahannock River, Va.                | 534             |
| Corsica River, and Neck, Chester River, Md.              | 548             |
| Corson Inlet, N. J.                                      | 1217            |
| Cortez Bank, Calif.                                      | 5102            |
| Coscob, and Harbor, Long Island Sound, Conn.             | 223             |
| Cosmopolis, Wash.  | 6195            |
| Cote Blanche Bay, La.                                    | 199             |
| Cottonwood, Alaska.                                      | 8553            |
| Cousins Island, Casco Bay, Me.                           | 315             |
| Cow Island, Muscongus Bay, Me.                           | 313             |
| Cowlitz River, Wash.                                     | 6153            |
| Coxsackie, and Island, Hudson River, N. Y.               | 284             |
| Crabtree Neck, Me.                                       | 306             |
| Craig, Alaska.   | 8151            |
| Cranberry Island, Me.                                    | 306             |
| Cranberry Island, Muscongus Bay, Me.                     | 313             |
| Cranberry Point, Campobello Island, New Brunswick.       | 801             |
| Cranberry Point, Prospect Harbor, Me.                    | 305             |
| Craney Island, and Flats, Va.                            | 400             |
| Cresote, Wash.   | 6444            |
| Crescent City, Calif.                                    | 5895            |
| Crisfield, Md.   | 1224            |
| Cristobal, Canal Zone.                                   | 950             |
| Croatian Sound, N. C.                                    | 1229            |
| Crockers Reef, Fla.                                      | 167             |
| Crockett, Calif.   | 5533            |

## Chart.

|  |           |
|--|-----------|
| Cromeset Neck, Buzzards Bay, Mass.             | 251       |
| Crooked Island, St. Andrew Sound, Fla.         | 184       |
| Crooked River, Fla.                            | 182       |
| Cross Island, and Narrows, Me.                 | 303       |
| Cross Island, Ipswich Bay, Mass.               | 243       |
| Cross Key, Fla.                                | 167       |
| Cross River, Sheepscot River, Me.              | 314       |
| Cross Sound, Alaska.                           | 8304      |
| Crotch Island, Casco Bay, Me.                  | 315       |
| Crotch Island, Deer Island Thorofare, Me.      | 309       |
| Crowell, Connecticut River, Conn.              | 255       |
| Crumple Island, Me.                            | 304       |
| Crystal Bay, Reefs, and River, Fla.            | 179       |
| Crystal Springs, Wash.                         | 6444      |
| Cucaracha Passage, P. R.                       | 921       |
| Cudjoe Key, Fla.                               | 169       |
| Culebra Cut, Canal Zone.                       | 954       |
| Culebra Island, West Indies.                   | 914       |
| Culebrita Island, Culebra Island, West Indies. | 914       |
| Cumberland Island, and Sound, Ga.              | 157       |
| Cumberland River, Ga.                          | 448       |
| Currituck Sound, N. C.                         | 1227-1229 |
| Curtis Bay, and Creek, Patapasco River, Md.    | 549       |
| Cushing Island, Casco Bay, Me.                 | 325       |
| Customhouse Cove, Alaska.                      | 8068      |
| Cutler, Me.                                    | 303       |
| Cuttyhunk Harbor, and Island, Mass.            | 297       |
| Cuylers Harbor, Calif.                         | 5126      |

## D.

|  |      |
|--|------|
| Dabop Bay, Wash.                         | 6450 |
| Dall Island, Alaska.                     | 8150 |
| Dalomi, Alaska.                          | 8076 |
| Damariscotta, and River, Me.             | 313  |
| Damiscove Island, Me.                    | 314  |
| Daniels Island, Cooper River, S. C.      | 445  |
| Danvers River, Beverly Harbor, Mass.     | 244  |
| Danversport, Danvers River, Mass.        | 244  |
| Darby, Housatonic River, Conn.           | 1212 |
| Darien, and River, Conn.                 | 222  |
| Darien, and River, Ga.                   | 446  |
| Daufuskie Island, S. C.                  | 155  |
| Dauphin Island, Ala.                     | 189  |
| Davenport Neck, Long Island Sound, N. Y. | 272  |
| Dauids Island, Long Island Sound, N. Y.  | 272  |
| Davis Bank, Nantucket Shoals, Mass.      | 1107 |
| Davis Island, Sheepscot River, Me.       | 314  |
| Daw Island, Port Royal Sound, S. C.      | 571  |
| Daytona, Fla.                            | 160  |
| Dead Horse Inlet, Jamaica Bay, N. Y.     | 542  |
| Deadman Bay, New Brunswick.              | 101  |
| Deadmans Bay, Fla.                       | 180  |
| Debidue Island, S. C.                    | 152  |
| Deep Bay, Pamlico Sound, N. C.           | 1231 |
| Deep Creek, Elizabeth River, Va.         | 451  |
| Deep River, Connecticut River Conn.      | 254  |
| Deer Island, Alaska.                     | 8703 |
| Deer Island, Boston Harbor, Mass.        | 246  |
| Deer Island, New Brunswick.              | 801  |
| Deer Island Thorofare, Me.               | 309  |
| Deer Isle, Me.                           | 309  |
| Deer Point, Deer Island, New Brunswick.  | 801  |
| Deering, Alaska.                         | 9400 |
| Delarof Harbor, Alaska.                  | 8700 |
| Delaware and Lehigh Canal, Pa.           | 296  |
| Delaware and Raritan Canal, N. J.        | 296  |
| Delaware Bay, Del.                       | 1218 |
| Delaware Breakwater, Del.                | 379  |
| Delaware City, Del.                      | 296  |
| Delaware Entrance, Del.                  | 1218 |
| Del Mar, Calif.                          | 5102 |
| Denham Point, Deer Island, Me.           | 309  |
| Dennis, Cape Cod, Mass.                  | 1208 |
| Dennysville, Me.                         | 101  |
| Dernier Isle, La.                        | 198  |
| Derring Harbor, Shelter Island, N. Y.    | 298  |
| Descanso Point, Calif.                   | 5102 |
| Desecho Island, P. R.                    | 901  |
| Des Moines, Wash.                        | 6446 |



|  | Chart.  |   | Chart. |
|--|---------|---|--------|
| Destruction Island, Wash.....                        | 6400    | East Norwalk, Conn.....                                 | 221    |
| Devils Head, St. Croix River, Me.....                | 801     | East Penobscot Bay, Me.....                             | 309    |
| Dewees Inlet and Island, S. C.....                   | 153     | East Point, P. R.....                                   | 904    |
| Dewey Anchorage, Alaska.....                         | 8124    | East Quoddy Head, Campobello Island, New Brunswick..... | 801    |
| Dewey Bluff, James River, Va.....                    | 531     | East River, N. Y.....                                   | 369    |
| Deweyville, Alaska.....                              | 8150    | East Sullivan, Me.....                                  | 306    |
| Diamond Head and Light, T. H.....                    | 4116    | East Washerwoman Shoal, Fla.....                        | 168    |
| Diamond Shoal, N. C.....                             | 1232    | Eastbrook, Wash.....                                    | 6185   |
| Dicksons Bay, Apalachee Bay, Fla.....                | 182     | Eastern Bay, Chesapeake Bay, Md.....                    | 1225   |
| Diego Plains, Fla.....                               | 158     | Eastern Bay, Frenchman Bay, Me.....                     | 306    |
| Digdequash Harbor, and River, New Brunswick.....     | 801     | Eastern Channel, Penobscot River, Me.....               | 311    |
| Dillingham, Alaska.....                              | 9050    | Eastern Head, Me.....                                   | 101    |
| Dingley Island, New Meadows River, Me.....           | 315     | Eastern Passage, Narragansett Bay, R. I.....            | 353*   |
| Disenchantment Bay, Alaska.....                      | 8455    | Eastern Point, Gloucester Harbor, Mass.....             | 243    |
| Dismal Swamp Canal, Va., and N. C.....               | 1227    | Eastern Point, Thomas River, Conn.....                  | 293    |
| Dividing Creek, Chesapeake Bay, Va.....              | 534     | Eastern River, Kennebec River, Me.....                  | 288    |
| Dixon Entrance, Alaska.....                          | 8002    | Eastham, Cape Cod, Mass.....                            | 1208   |
| Dixon Harbor, Alaska.....                            | 8305    | Eastons Beach and Pond, Newport, R. I.....              | 353    |
| Doboy Sound Entrance, Ga.....                        | 446     | Eastport, Me.....                                       | 301    |
| Doboy Sound, Ga.....                                 | 156-157 | Eatons Neck, Huntington Bay, N. Y.....                  | 224    |
| Dochet Island, St. Croix River, Me.....              | 801     | Ebenecook Harbor, Sheepscot River, Me.....              | 315*   |
| Dockton, Wash.....                                   | 6444    | Echo Bay, Long Island Sound, N. Y.....                  | 272    |
| Doffs Ferry, Hudson River, N. Y.....                 | 281     | Echo Lake, Mount Desert Island, Me.....                 | 306    |
| Dog Island and Reef, St. George Sound, Fla.....      | 182     | Edenton and Bay, N. C.....                              | 1228   |
| Dolgoi Harbor and Island, Alaska.....                | 8851    | Edgartown, and Harbor, Marthas Vineyard, Mass.....      | 346    |
| Dona Bay, Fla.....                                   | 176     | Edgartown Harbor, Mass.....                             | 346    |
| Dora Harbor, Alaska.....                             | 8841    | Edisto Island, S. C.....                                | 154    |
| Dorchester Bay, Boston Harbor, Mass.....             | 246     | Ediz Hook, Wash.....                                    | 6303   |
| Double Point, Calif.....                             | 5599    | Edgemere, Rockaway Beach, N. Y.....                     | 542    |
| Doubling Point, Me.....                              | 314     | Edgewater, Hudson River, N. J.....                      | 369*   |
| Douglas, Alaska.....                                 | 8235    | Edmonds, Wash.....                                      | 6450   |
| Douglas Island Harbor, Me.....                       | 305     | Eek Island, Alaska.....                                 | 9104   |
| Douglas Island, Me.....                              | 305     | Eel River Entrance, Calif.....                          | 5819   |
| Dover, Cochecho River, N. H.....                     | 229     | Egegik, Alaska.....                                     | 8802   |
| Dover, Del.....                                      | 1218    | Egg Rock, Frenchman Bay, Me.....                        | 306    |
| Doyle Passage, Deer Island, New Brunswick.....       | 801     | Eggmoggin, Little Deer Island, Me.....                  | 309    |
| Drakes Bay, Calif.....                               | 5599    | Eggmoggin Reach, Me.....                                | 309    |
| Drier Bay, Alaska.....                               | 8524    | Egmont Key, Tampa Entrance, Fla.....                    | 477    |
| Drisco Island, Me.....                               | 304     | Eight Mile Swash (Inlet), S. C.....                     | 151    |
| Drum Island Flats, Chesapeake Bay, Va.....           | 494     | Elbow Key, Fla.....                                     | 167    |
| Drum Point, Patuxent River, Md.....                  | 539     | El Capitan, Alaska.....                                 | 8150   |
| Drummore Bay, Kennebec River, Me.....                | 314     | El Cierbo, Calif.....                                   | 5533   |
| Dry Bay, Alaska.....                                 | 8002    | Eliza Harbor, Alaska.....                               | 8216   |
| Duck Island and Roads, Long Island Sound, Conn.....  | 216     | Elizabeth, and River, N. J.....                         | 544    |
| Duck Key, Fla.....                                   | 168     | Elizabeth City, N. C.....                               | 1228   |
| Ducktrap Harbor, Me.....                             | 310     | Elizabeth Islands, Mass.....                            | 112    |
| Dumbarton Point, Calif.....                          | 5531    | Elizabeth River, South Branch, Va.....                  | 451    |
| Dumpling Rocks, Buzzards Bay, Mass.....              | 252     | Elizabeth River, Va.....                                | 400    |
| Dungeness, Wash.....                                 | 6450    | Elizabeth River, West Branch, Va.....                   | 1227   |
| Duplin River, Doboy Sound, Ga.....                   | 156     | Elkhorn Slough, Calif.....                              | 5403   |
| Dutch Gap Canal, James River, Va.....                | 531     | Elk River and Neck, Chesapeake Bay, Md.....             | 1226   |
| Dutch Harbor, Alaska.....                            | 9008    | Elk River, Oreg.....                                    | 5952   |
| Dutch Island and Harbor, Conanicut Island, R. I..... | 3532    | Ellamar, Alaska.....                                    | 8519   |
| Dutch Neck, Me.....                                  | 313     | Elliotts Bay, Fla.....                                  | 166    |
| Dutton, Alaska.....                                  | 8554    | Elliotts Bay, Wash.....                                 | 6445   |
| Dutton Island, Calif.....                            | 5534    | Ellis Island, N. Y.....                                 | 369*   |
| Duwamish Head, Wash.....                             | 6445    | El Morro, Calif.....                                    | 5302   |
| Duxbury, Bay and Beach, Mass.....                    | 245     | Ellsworth, Me.....                                      | 307    |
| Duxbury Point, Calif.....                            | 5599    | Elmhurst, Calif.....                                    | 5531   |
| Dyea, Alaska.....                                    | 8303    | Emeryville, Calif.....                                  | 5532   |
| Dyer Bay, Point and Island, Me.....                  | 305     | Empire, Oreg.....                                       | 5984   |
| Dyer Island, Narragansett Bay, R. I.....             | 262     | Encinitas, Calif.....                                   | 5102   |
| Dyer Island Narrows, Me.....                         | 305     | Endeavor Shoal, off Montauk Point, N. Y.....            | 1211   |
| <b>E.</b>  |         | Englewood, Hudson River, N. J.....                      | 281    |
| Eagle Harbor, St. Josephs Bay, Fla.....              | 184     | Englewood, Lemon Bay, Fla.....                          | 175    |
| Eagle Harbor, Wash.....                              | 6444    | English Bay, Alaska.....                                | 9196   |
| Eagle Island, East Penobscot Bay, Me.....            | 309     | Englishman Bay, Me.....                                 | 304    |
| Eagle Lake, Mount Desert Island, Me.....             | 306     | Englishman River, Me.....                               | 303    |
| East Anchor Cove, Alaska.....                        | 8841    | Ensenada Honda, P. R.....                               | 922    |
| East Bay, Me.....                                    | 801     | Erie Basin, Gowanus Bay, N. Y.....                      | 541    |
| East Boothbay, Me.....                               | 313     | Errol Island, La.....                                   | 192    |
| East Boston, Mass.....                               | 248     | Escalante Harbor, Alaska.....                           | 9196   |
| East Bridgeport, Conn.....                           | 220     | Escambia Bay and River, Fla.....                        | 186    |
| East Cape, Mona Island, P. R.....                    | 901     | Esopus, Hudson River, N. Y.....                         | 283    |
| East Chester Bay, Long Island Sound, N. Y.....       | 272     | Espiritu Santo Bay, Tex.....                            | 207    |
| East Haven, and River, Conn.....                     | 217     | Essex and River, Mass.....                              | 243    |
| East Machias, Me.....                                | 303     | Essex, Connecticut River, Conn.....                     | 215    |
|  |         | Esterio Island and Bay, Fla.....                        | 174    |

|   | Chart.   |   | Chart. |
|---|----------|---|--------|
| Etolin Anchorage and Cape, Alaska.....            | 9196     | Fort Pierce, Indian River, Fla.....                       | 163    |
| Etolin Island, Alaska.....                        | 8124     | Fort Point, Calif.....                                    | 5532   |
| Eureka, Calif.....                                | 5832     | Fort Point Channel, Boston, Mass.....                     | 248    |
| Everett, Boston, Mass.....                        | 248      | Fort Point Cove, Penobscot River, Me.....                 | 311    |
| Everett Harbor, Wash.....                         | 6448     | Fort Ross, and Cove, Calif.....                           | 5651   |
| Ewa, T. H.....                                    | 4107     | Fort Ward, Wash.....                                      | 6444   |
| Execution Rocks, Long Island Sound, N. Y.....     | 272      | Fort Washington Point, N. Y.....                          | 369*   |
| Exeter, and River, N. H.....                      | 229      | Fosters Channel, Me.....                                  | 801    |
| <b>F.</b>   |          | Fosters Island, Me.....                                   | 305    |
| Fairfield, Calif.....                             | 5534     | Foulweather Bluff, Wash.....                              | 6450   |
| Fairfield, Conn.....                              | 220      | Four League Bay, La.....                                  | 198    |
| Fair Haven, New Haven, Conn.....                  | 218      | Fowey Rocks, Fla.....                                     | 166    |
| Fairhaven, New Bedford Harbor, Mass.....          | 252      | Fox Island Thoroughfare, Me.....                          | 311a   |
| Fajardo Harbor Roads, River and Point, P. R.....  | 921      | Framptons Inlet, S. C.....                                | 154    |
| Fall River, Mass.....                             | 353      | Franklin, Me.....   | 1202   |
| Falls Island, Cobscook Bay, Me.....               | 801      | Frederica River, St. Simon Sound, Ga.....                 | 157    |
| Falmouth, and Harbor, Vineyard Sound, Mass.....   | 249      | Frederick Sound, Alaska.....                              | 8200   |
| Falmouth Harbor, Alaska.....                      | 8881     | Fredericksburg, Va.....                                   | 536    |
| False Bay, Calif.....                             | 5102     | Frederiksted, St. Croix Island, West Indies.....          | 920    |
| False Cape, Calif.....                            | 5795     | Freeport, Brazos River, Tex.....                          | 525    |
| False Cape, Fla.....                              | 161      | Freeport, Me.....   | 315    |
| False Klamath, Calif.....                         | 5702     | Freeport River, Caseo Bay, Me.....                        | 315    |
| Fanshaw Bay, Alaska.....                          | 8216     | Freeport, Wash.....                                       | 6153   |
| Farmingdale, Kennebec River, Me.....              | 289      | Frenehman Point, Nova Scotia.....                         | 1106   |
| Farnham Creek, Va.....                            | 535      | French Reef, Fla.....                                     | 167    |
| Farragut Bay, Alaska.....                         | 8210     | Frenchman Bay, Me.....                                    | 306    |
| Far Rockaway, N. Y.....                           | 542      | Friar Bay and Head, Campobello Island, New Brunswick..... | 801    |
| Fenholloway River, Fla.....                       | 181      | Friar Roads, Me., and New Brunswick.....                  | 801    |
| Fenwick Island, Md.....                           | 1220     | Friendship, Harbor and Island, Me.....                    | 313    |
| Fernandina, and Entrance, Fla.....                | 453      | Frio Islands, P. R.....                                   | 927    |
| Fidalgo Bay, Alaska.....                          | 8519     | Fripps Inlet and Island, S. C.....                        | 155    |
| Fire Island, Beach and Inlet, N. Y.....           | 578      | Fritz Cove, Alaska.....                                   | 8302   |
| Fish Harbor, Deer Island, New Brunswick.....      | 801      | Front River, Sapelo River, Ga.....                        | 444    |
| Fish Head, Grand Manan Island, New Brunswick..... | 101      | Frying Pan Shoals, N. C.....                              | 150    |
| Fish, Calif.....                                  | 5502     | Funter (post office) and Bay, Alaska.....                 | 8302   |
| Fish Rock, Calif.....                             | 5502     | <b>G.</b>   |        |
| Fisherman Island, Me.....                         | 310      | Galveston and Brazos River Canal, Tex.....                | 1281   |
| Fishermans Island, Me.....                        | 304      | Galveston Bay and Island, Tex.....                        | 204    |
| Fishermans Island, Va.....                        | 1222     | Galveston and Entrance, Tex.....                          | 520    |
| Fishers Island, N. Y.....                         | 358      | Gambier Bay, Alaska.....                                  | 8224   |
| Fishers Island Sound, Conn.....                   | 358      | Gamble, Port, Wash.....                                   | 6412   |
| Fishing Bay, Chesapeake Bay, Md.....              | 1224     | Gannet Point, Me.....                                     | 801    |
| Fishing Rip, Nantucket Shoal, Mass.....           | 1107     | Gantegastaki, Alaska.....                                 | 8303   |
| Fishkill, Hudson River, N. Y.....                 | 282      | Garden Island Bay, La.....                                | 194    |
| Fitchburg, Calif.....                             | 5531     | Garden Key, Tortugas, Fla.....                            | 471a   |
| Five Mile Beach, N. J.....                        | 1217     | Gardiner, Kennebec River, Me.....                         | 289    |
| Five Mile River, Conn.....                        | 222      | Gardiner, Oreg.....                                       | 6003   |
| Flanders Bay, Great Peconic Bay, N. Y.....        | 299      | Gardiners Bay and Sound, N. Y.....                        | 298    |
| Flanders Bay, Me.....                             | 306      | Gardners Neck, Mount Hope Bay, R. I.....                  | 353    |
| Flatbush, Long Island, N. Y.....                  | 369      | Gargathy Inlet, Cove and Bay, Va.....                     | 1221   |
| Flattery Rocks, Wash.....                         | 6265     | Garibaldi, Oreg.....                                      | 6112   |
| Fleets Point, Island and Bay, Va.....             | 534      | Garniers Bayou, Choctawatchee Bay, Fla.....               | 185    |
| Fletcher Neck, Me.....                            | 1205     | Gasparilla Island, Sound and Pass, Fla.....               | 175    |
| Flint Island, Me.....                             | 305      | Gastineau Channel, Alaska.....                            | 8235   |
| Flint Island Narrows, Me.....                     | 305      | Gatun and Lake, Canal Zone.....                           | 954    |
| Florence, Oreg.....                               | 6023     | Gay Head, Marthas Vineyard, Mass.....                     | 112    |
| Florida Bay, Fla.....                             | 167-168  | Gay Island, St. George River, Me.....                     | 312    |
| Florida Passage, Ogeechee River, Ga.....          | 156      | Gearhart, Oreg.....                                       | 6100   |
| Flushing, and Bay, East River, N. Y.....          | 273      | Gedney Channel, N. Y.....                                 | 369    |
| Flyer Point, Me.....                              | 307      | Gedney Island, Wash.....                                  | 6448   |
| Flying Passage, Museongus Bay, Me.....            | 313      | George Islands, Me.....                                   | 312    |
| Folly Island, S. C.....                           | 154      | Georges Bank, Mass.....                                   | 1107   |
| Fordham, N. Y.....                                | 274      | Georges Island, Boston Harbor, Mass.....                  | 246    |
| Ford Pond Bay, Long Island, Conn.....             | 358      | Georgetown Island, Sheepscot River, Me.....               | 314    |
| Fore River, Me.....                               | 325      | Georgetown, S. C.....                                     | 428    |
| Fort Bragg, Calif.....                            | 5703     | Georgia Strait, Wash.....                                 | 6300   |
| Fort Camby, Wash.....                             | 6151     | Gerssib Island, Me.....                                   | 0329   |
| Fort Caswell, Cape Fear River, N. C.....          | 424      | Gifford Ledge, Buzzards Bay, Mass.....                    | 249    |
| Fort Columbia, Wash.....                          | 6151     | Gig Harbor, Wash.....                                     | 6460   |
| Fort George River, Island and Inlet, Fla.....     | 577      | Gildersleeve and Island, Conn.....                        | 255    |
| Fort Hamilton, Alaska.....                        | 9372     | Gilkey Harbor, Me.....                                    | 310    |
| Fort Jefferson, Tortugas, Fla.....                | 471a     | Gilmerton, Va.....  | 451    |
| Fort Lee, Hudson River, N. J.....                 | 369*-281 | Glacier Bay, Alaska.....                                  | 8306   |
| Fort Liseum (Post Office), Alaska.....            | 8519     | Glastonbury, Conn.....                                    | 256    |
| Fort Monroe, Va.....                              | 400      | Glenada, Oreg.....  | 6023   |
| Fort Myers, Caloosahatchee River, Fla.....        | 473      | Gloucester, and Harbor, Mass.....                         | 243    |
| Fort Pickens, Pensacola Bay, Fla.....             | 413      | Gloucester, Delaware River, N. J.....                     | 380    |



|  | Chart.           |  | Chart.           |
|--|------------------|--|------------------|
| Gloucester Point, York River, Va.....                          | 495              | Grizzly Bay, Calif.....                                    | 5534             |
| Goat Island, Calif.....  | 5532             | Groton, Thames River, Conn.....                            | 293              |
| Goat Island, Newport Harbor, R. I.....                         | 353 <sup>2</sup> | Gualala, Calif.....  | 5502             |
| Gold Beach, Oreg.....  | 5702             | Guam Island.....   | 4202             |
| Golden Gate, Calif.....  | 5532             | Guanajibo Channel and Point, P. R.....                     | 901-931          |
| Golden (post office), Alaska.....                              | 8515             | Guanica, Harbor and Lake, P. R.....                        | 929              |
| Golofnin, Alaska.....  | 9382             | Guano River, Fla.....                                      | 158-159          |
| Goodnews Bay, Alaska.....                                      | 9103             | Guayama and Reef, P. R.....                                | 902              |
| Gooseberry Neck, Buzzards Bay, Mass.....                       | 113              | Guayanilla, Port and Harbor, P. R.....                     | 928              |
| Goose Fair Bay, Me.....  | 1205             | Guilford, and Harbor, Lone Island Sound, Conn.....         | 217              |
| Goose Island and Creek, N. C.....                              | 1231             | Gulf of Maine, Me.....                                     | 1000             |
| Goose River, Rockfort, Me.....                                 | 310              | Gulf of Santa Catalina, Calif.....                         | 5102             |
| Goose Rock Passage, Sheepscot River, Me.....                   | 315a             | Gulf of the Parallones, Calif.....                         | 5502             |
| Goshen Point, Conn.....  | 359              | Gulfport, Mississippi Sound, Miss.....                     | 190              |
| Goulds Island, Narragansett Bay, R. I.....                     | 353 <sup>2</sup> | Gunnisons Cut and Fort, George River, Fla.....             | 577              |
| Gouldsboro, Bay and Harbor, Me.....                            | 305              | Gunpowder River and Neck, Chesapeake Bay, Md.....          | 1226             |
| Governors Island, Mass.....                                    | 246              | Gunston Cove, Potomac River, Md.....                       | 560              |
| Governors Island, N. Y.....                                    | 369 <sup>4</sup> | Gurnet Point, Plymouth Bay, Mass.....                      | 245              |
| Gowanus Bay, N. Y.....   | 369              | Gurnet, The, Casco Bay, Me.....                            | 315              |
| Grand Chevier, Peacan Island, La.....                          | 201              | Gut Bay, Alaska.....                                       | 8242             |
| Grand Harbor, Grand Manan Island, New Brunswick.....           | 101              | Guttenberg, Hudson River N. J.....                         | 369 <sup>8</sup> |
| Grand Island and Pass, La.....                                 | 190              | Gwynn Island, Chesapeake Bay, Va.....                      | 534              |
| Grand Island, Barataria Bay, La.....                           | 195              | Gypsum (post office), Alaska.....                          | 8250             |
| Grand Manan Channel, Me.....                                   | 101              |  |                  |
| Grand Manan Island, New Brunswick.....                         | 101              |  |                  |
| Grand Prairie, La.....   | 194              |  |                  |
| Grantley Harbor, Alaska.....                                   | 9385             |  |                  |
| Granville, and Anchorage, Wash.....                            | 6400             |  |                  |
| Grape Island, Quincy Bay, Mass.....                            | 246              |  |                  |
| Grassy Key, Fla.....   | 168              |  |                  |
| Graves Harbor, Alaska.....                                     | 8002             |  |                  |
| Gravesend and Bay, N. Y.....                                   | 369              |  |                  |
| Grays Bay, Wash.....   | 6151             |  |                  |
| Grays Harbor, Wash.....  | 6195             |  |                  |
| Great Bay, Piscataqua River, N. H.....                         | 229              |  |                  |
| Great Brewster Island, Boston Harbor, Mass.....                | 246              |  |                  |
| Great Bridge, Albemarle and Chesapeake Canal, Va.....          | 451              |  |                  |
| Great Captain Island, Conn.....                                | 222              |  |                  |
| Great Clubeag Island, Casco Bay, Me.....                       | 315              |  |                  |
| Great Diamond Island, Casco Bay, Me.....                       | 325              |  |                  |
| Great Duck Island, Blue Hill Bay, Me.....                      | 308              |  |                  |
| Great Egg Bay and Inlet, N. J.....                             | 1217             |  |                  |
| Great Gotts Island, Me.....                                    | 307              |  |                  |
| Great Gull Island, Long Island Sound, N. Y.....                | 298              |  |                  |
| Great Harbor, Culebra Island, West Indies.....                 | 913              |  |                  |
| Great Harbor, Woods Hole, Mass.....                            | 348              |  |                  |
| Great Hog Neck, Little Peconic Bay, N. Y.....                  | 299              |  |                  |
| Great Machipongo Inlet, Va.....                                | 1222             |  |                  |
| Great Machipongo River, Va.....                                | 1221             |  |                  |
| Great Misery Island, Salem Harbor, Mass.....                   | 244              |  |                  |
| Great Moshiers Island, Casco Bay, Me.....                      | 315              |  |                  |
| Great Neck, Buzzards Bay, Mass.....                            | 251              |  |                  |
| Great Neck, Plum Island Sound, Mass.....                       | 1206             |  |                  |
| Great Peconic Bay, N. Y.....                                   | 299              |  |                  |
| Great Pond, Long Island, N. Y.....                             | 1211             |  |                  |
| Great Point Nantucket Island, Mass.....                        | 1209             |  |                  |
| Great Round Shoal, Monomoy Shoals, Mass.....                   | 250              |  |                  |
| Great Salt Pond, Block Island, Conn.....                       | 276              |  |                  |
| Great South Bay, N. Y.....                                     | 578              |  |                  |
| Great Spruce Head, Island, East Penobscot Bay, Me.....         | 309              |  |                  |
| Great Spruce Island, Me.....                                   | 304              |  |                  |
| Great Wass Island, Me.....                                     | 304              |  |                  |
| Great Wicomico River, Va.....                                  | 534              |  |                  |
| Grecian Shoals, Fla.....                                       | 167              |  |                  |
| Green Harbor River, Mass.....                                  | 1208             |  |                  |
| Green Island, West Penobscot Bay, Me.....                      | 310              |  |                  |
| Green Point, N. Y.....   | 369 <sup>4</sup> |  |                  |
| Greenings Island, Me.....                                      | 306              |  |                  |
| Greenlow Cove, Eggemoggin Reach, Me.....                       | 309              |  |                  |
| Greenport Harbor, Long Island, N. Y.....                       | 298              |  |                  |
| Greens Harbor, Thames River, Conn.....                         | 293              |  |                  |
| Greenville, Hudson River, N. J.....                            | 369              |  |                  |
| Greenwich Bay, Narragansett Bay, R. I.....                     | 278              |  |                  |
| Greenwich Point, Cove and Harbor, Long Island Sound, Conn..... | 222              |  |                  |
| Greenwood, Calif.....  | 5602             |  |                  |
| Gregerie Channel (east, west), St. Thomas Island.....          | 933              |  |                  |
| Grims Island, Oreg. and Wash.....                              | 6153             |  |                  |
| Grindstone Neck, Me.....                                       | 317              |  |                  |
|  |                  | <b>H.</b>  |                  |
|  |                  | Hackensack and River, N. J.....                            | 287              |
|  |                  | Haddam Neck, Connecticut River, Conn.....                  | 254              |
|  |                  | Hadley, (post office), Alaska.....                         | 8076             |
|  |                  | Haines (post office), Alaska.....                          | 8303             |
|  |                  | Hakuma Point, T. H.....                                    | 4115             |
|  |                  | Haleiwa, T. H.....   | 4116             |
|  |                  | Half Moon Bay, Calif.....                                  | 5520             |
|  |                  | Half Moon Shoal, Fla.....                                  | 1252             |
|  |                  | Halifax Creek, Fla.....                                    | 159              |
|  |                  | Halifax Island, Me.....                                    | 304              |
|  |                  | Halifax River, Fla.....                                    | 160              |
|  |                  | Hallowell, Kennebec River, Me.....                         | 289              |
|  |                  | Hamburg and Cove, Connecticut River, Conn.....             | 215              |
|  |                  | Hammonasset Point, and River, Long Island Sound, Conn..... | 216              |
|  |                  | Hammond Island, Calif.....                                 | 5534             |
|  |                  | Hampton Harbor, N. H.....                                  | 1206             |
|  |                  | Hampton River, Ga.....                                     | 157              |
|  |                  | Hampton Roads and Creek, Va.....                           | 400              |
|  |                  | Hanakao, T. H.....   | 4116             |
|  |                  | Hanalei and Bay.....                                       | 4117             |
|  |                  | Hanamaulu and Bay, T. H.....                               | 4117             |
|  |                  | Hanapepe, Bay and Light, T. H.....                         | 4117             |
|  |                  | Hancock, Me.....   | 306              |
|  |                  | Hancock Creek, Neuse River, N. C.....                      | 538              |
|  |                  | Handkerchief Shoal, Nantucket Sound, Mass.....             | 250              |
|  |                  | Hans Lollik Islands, Virgin Islands.....                   | 920              |
|  |                  | Harbor de Loutre, Campobello Island, New Brunswick.....    | 801              |
|  |                  | Harbor Island, Jericho Bay, Me.....                        | 308              |
|  |                  | Harbor of Refuge, Cape Henlopen, Del.....                  | 379              |
|  |                  | Harbor Sound, Museongus Island, Me.....                    | 313              |
|  |                  | Hardwood Island, Blue Hill Bay, Me.....                    | 307              |
|  |                  | Hardwood Island, New Brunswick.....                        | 801              |
|  |                  | Harkers Island, Cove Sound, N. C.....                      | 421              |
|  |                  | Harlem River, N. Y.....                                    | 274              |
|  |                  | Harpwell Neck and Sound, Me.....                           | 315              |
|  |                  | Harrington Bay and River, Me.....                          | 305              |
|  |                  | Hartford, Connecticut River, Conn.....                     | 256              |
|  |                  | Hart Island, Long Island Sound, N. Y.....                  | 272              |
|  |                  | Harts Neck, Me.....  | 312              |
|  |                  | Haskell Island, Casco Bay, Me.....                         | 315              |
|  |                  | Hassel Island, St. Thomas Island.....                      | 933              |
|  |                  | Hassler Harbor, Alaska.....                                | 8094             |
|  |                  | Hatchet Cove, Friendship Harbor, Me.....                   | 313              |
|  |                  | Hatteras Inlet, N. C.....                                  | 1232             |
|  |                  | Habana, Cuba.....  | 1113             |
|  |                  | Haverstraw, and Bay, Hudson River, N. Y.....               | 281              |
|  |                  | Havre de Grace, Susquehanna River, Md.....                 | 1226             |
|  |                  | Hawaii Island, T. H.....                                   | 4115             |
|  |                  | Hawaiian Islands, T. H.....                                | 4102             |
|  |                  | Hawala, Cape and Bay, T. H.....                            | 4116             |
|  |                  | Hawa Point and Light, T. H.....                            | 4116             |
|  |                  | Hawk Inlet, Alaska.....                                    | 8300             |
|  |                  | Haywards, Calif.....                                       | 5530             |



|  | Chart.           |   | Chart.          |
|--|------------------|---|-----------------|
| Head Harbor, Englishman Bay, Me.....                       | 304              | Hope, Alaska.....                                       | 8553            |
| Head Harbor Island, Me.....                                | 304              | Hoquiam, Wash.....                                      | 6195            |
| Head Harbor Island, New Brunswick.....                     | 801              | Horn Island and Pass, Mississippi Sound, Miss.....      | 189-190         |
| Head Harbor, Isle au Haut, Me.....                         | 309              | Horse Neck, Greenwich Bay, R. I.....                    | 278             |
| Head Harbor Passage, Campobello Island, New Brunswick..... | 801              | Horses Neck Beach, Buzzards Bay, Mass.....              | 113             |
| Heceta Head, Oreg.....                                     | 5802             | Horseshoe Cove, and Point, Fla.....                     | 180             |
| Hecia, T. H.....   | 4116             | Horseshoe (post office), Alaska.....                    | 8523            |
| Hekili Point, T. H.....                                    | 4116             | Hotaling Island, Hudson River, N. Y.....                | 284             |
| Hell Gate, East River, N. Y.....                           | 369 <sup>s</sup> | Houghs Neck, Hingham Bay, Mass.....                     | 246             |
| Hempsted Harbor, Long Island Sound, N. Y.....              | 366              | Housatonic, Long Island Sound, Conn.....                | 1212            |
| Hercules, Calif.....                                       | 5533             | Houston, Ship Canal, Tex.....                           | 5-2             |
| Hereford Inlet, N. J.....                                  | 1217             | Howkan, Alaska.....                                     | 8100            |
| Herendeen Bay, Alaska.....                                 | 8833             | Hudson, Hudson River, N. Y.....                         | 283             |
| Herman Harbor, Sheepscot River, Me.....                    | 314              | Hudson River, N. Y. and N. J.....                       | 281-282-283-284 |
| Herrieks Bay, Blue Hill Bay, Me.....                       | 307              | Hueneme, and Point, Calif.....                          | 5202            |
| Herring Bay, Alaska.....                                   | 8242             | Huleia River, T. H.....                                 | 4117            |
| Herring Bay, Campobello Island, New Brunswick.....         | 801              | Hull, Hingham Bay, Mass.....                            | 246             |
| Herring Bay, Chesapeake Bay, Md.....                       | 1225             | Humboldt Bay, Calif.....                                | 5832            |
| Herring Canal, Va.....                                     | 451              | Humbolt Harbor, Alaska.....                             | 8991            |
| Herring Gut, Me.....                                       | 312              | Humbug Mountain, Oreg.....                              | 5951            |
| Herseys Point, Me.....                                     | 801              | Hungry Island, Muscongus Sound, Me.....                 | 313             |
| Hertford, Perquimans River, N. C.....                      | 1228             | Hunter Cove, Oreg.....                                  | 5923            |
| Hetta Inlet, Alaska.....                                   | 8100             | Hunters Island, Long Island Sound, N. Y.....            | 272             |
| Hewells Island, Me.....                                    | 312              | Hunters Point, Calif.....                               | 5532            |
| Hewis Point, Me.....                                       | 310              | Hunters Point, East River, N. Y.....                    | 3694            |
| Hewlett Point, N. Y.....                                   | 272              | Hunting Island, S. C.....                               | 154             |
| Hibernia, St. Johns River, Fla.....                        | 455b             | Huntington, Bay and Harbor, Long Island, N. Y.....      | 224             |
| Hickey Island, Me.....                                     | 303              | Huntington Beach, Calif.....                            | 5102            |
| Higganum, Conn.....  | 254              | Hurricane Island, St. Andrews Bay, Fla.....             | 184             |
| Highfield Anchorage, Alaska.....                           | 8154             | Hurricane Island, and Sound, Vinalhaven Island, Me..... | 310             |
| Highland Falls, Hudson River, N. Y.....                    | 282              | Hussey Island, Casco Bay, Me.....                       | 315             |
| Highlands, Navesink, N. J.....                             | 543              | Hutchinsons Islands, S. C.....                          | 154             |
| Hills Point, St. Croix River, New Brunswick.....           | 801              | Hyannis, Harbor and Point, Mass.....                    | 247             |
| Hillsboro Bay, Fla.....                                    | 177              | Hydaberg, Alaska.....                                   | 8151            |
| Hillsboro Inlet and River (east coast), Fla.....           | 164              | Hypocrite Channel, Boston Harbor, Mass.....             | 246             |
| Hillsborough River, Fla.....                               | 160              |   | I.              |
| Hilo, and Bay, T. H.....                                   | 4103             | Icacos Bay, P. R.....                                   | 921             |
| Hilton Head Island, S. C.....                              | 571              | Icy Bay and Point, Alaska.....                          | 8002            |
| Hingham Bay and Harbor, Boston Harbor, Mass.....           | 246              | Icy Cape, Alaska.....                                   | 9400            |
| Hobart Bay, Alaska.....                                    | 8218             | Icy Strait, Alaska.....                                 | 8304            |
| Hobes Sound, Fla.....                                      | 163              | Ignik, Alaska.....                                      | 9380            |
| Hoboken, Hudson River, N. J.....                           | 369              | Ikatan Peninsula, Alaska.....                           | 8841            |
| Hobsonville, Oreg.....                                     | 6112             | Ikuik, Alaska.....                                      | 9380            |
| Hockanum, Conn.....  | 256              | Iliamna Bay, Alaska.....                                | 8665            |
| Hockamock, Bay, Me.....                                    | 315              | Ilio Point, T. H.....                                   | 4116            |
| Hockomock Channel and Point, Me.....                       | 313              | Iliuliuk Bay, Alaska.....                               | 9007            |
| Hog Inlet, S. C.....                                       | 151              | Ilwaco, Wash.....                                       | 6100            |
| Hog Island, Chesapeake Bay, Va.....                        | 451              | Indian Creek, Fleet Bay, Va.....                        | 534             |
| Hog Island, Eggenoggin Reach, Me.....                      | 309              | Indianhead, Md.....                                     | 560             |
| Hog Island, Muscongon Sound, Me.....                       | 313              | Indian Island, New Brunswick.....                       | 801             |
| Hog Island, Narragansett Bay, R. I.....                    | 354a             | Indian Neck, Buzzards Bay, Mass.....                    | 251             |
| Hog Island, Pa.....  | 295              | Indian Neck, Long Island Sound, Conn.....               | 217             |
| Hog Island, St. Johns Sound, Fla.....                      | 177-178          | Indian Pass and Lagoon, St. Vincent Sound, Fla.....     | 183             |
| Hog Neck Bay, Little Peconic Bay, N. Y.....                | 299              | Indian River, Bay and Inlet, Del.....                   | 1219            |
| Hoggatt Bay, Alaska.....                                   | 8242             | Indian River, Fla.....                                  | 161-162-163     |
| Hogtown Bayou, Choctawhatchee Bay, Fla.....                | 185              | Indian River Inlet, Fla.....                            | 163             |
| Holladay, Oreg.....  | 6100             | Indian River, Me.....                                   | 304             |
| Holland Straits, Chesapeake Bay, Md.....                   | 1224             | Indian Village, Wash.....                               | 6450            |
| Hollis post office and anchorage, Alaska.....              | 8077             | Indianola, Calif.....                                   | 5832            |
| Holmes Bay, Me.....  | 303              | Indianola, Indian River, Fla.....                       | 161             |
| Holmes Harbor, Wash.....                                   | 6450             | Inglennook, Calif.....                                  | 5602            |
| Home, Wash.....  | 6460             | Inglewood, Calif.....                                   | 5202            |
| Homosassa, Bay, River, and Islands, Fla.....               | 179              | Ingrams Bay, Chesapeake Bay, Va.....                    | 534             |
| Honga River, Chesapeake Bay, Md.....                       | 1224             | Inlian Cove and Pass, Alaska.....                       | 8304            |
| Honker Bay, Calif.....                                     | 5634             | Interbay Peninsula, Tampa Bay, Fla.....                 | 177             |
| Honaunau Bay, T. H.....                                    | 4115             | Inverness, British Columbia.....                        | 7002            |
| Honokahan, and Bay, T. H.....                              | 4115             | Inverness, Calif.....                                   | 5618            |
| Honokala Point, T. H.....                                  | 4115             | Ipswich, and River, Mass.....                           | 1206            |
| Honolulu Harbor, T. H.....                                 | 4109             | Ipswich Bay, Mass.....                                  | 243             |
| Honuapo, and Harbor, T. H.....                             | 4115             | Iron Bond Island, Frenchman Bay, Me.....                | 306             |
| Hood Bay, Alaska.....                                      | 8247             | Irrington, Hudson River, N. Y.....                      | 281             |
| Hood Canal, Wash.....                                      | 6450             | Isabel Segunda, P. R.....                               | 916             |
| Hoods Head, Wash.....                                      | 6412             | Isanotski Strait, Alaska.....                           | 8822            |
| Hoonah (post office), Alaska.....                          | 8302             | Isle au Haut, Bay and Thoroughfare, Me.....             | 309             |
| Hooniah, Alaska.....                                       | 8302             | Island au Pitre, Mississippi Sound, La.....             | 190             |
| Hooniah Harbor, Island, and Sound, Alaska.....             | 8282             | Island Beach, N. J.....                                 | 1216            |
| Hooper Island and Strait, Md.....                          | 1224             | Island No. 1 and 2, Calif.....                          | 5533            |
| Hoopers Island, Me.....                                    | 312              | Island Rock, Oreg.....                                  | 5951            |

|  | Chart.  |
|--|---------|
| Isle Grande, P. R.....                         | 900     |
| Isle of Palms, Ga.....                         | 157     |
| Isle of Palms, S. C.....                       | 153-154 |
| Isle of Shoals, Me. and N. H.....              | 330     |
| Isle of Wight Bay, Md.....                     | 1220    |
| Islesboro Harbor, Loud Island, Me.....         | 317     |
| Islip, Great South Bay, Long Island, N. Y..... | 578     |
| Isthmus Cove, Calif.....                       | 5128    |
| Iversen, Calif.....                            | 5502    |

## J.

|   |                  |
|---|------------------|
| Jacksonville, St. Johns River, Fla.....       | 577              |
| Jacobs Neck, Buzzards Bay, Mass.....          | 251              |
| Jamaica Bay, Long Island, N. Y.....           | 542              |
| Jamaica, Long Island, N. Y.....               | 1213             |
| James River, Va.....                          | 529,530,531      |
| Jameson Point, Rockland, Me.....              | 320              |
| Jamestown, Conanicut Island, R. I.....        | 353 <sup>2</sup> |
| Jamestown Island, James River, Va.....        | 529              |
| Jarretts Bay, Core Sound, N. C.....           | 421              |
| Jeboque Point, Nova Scotia.....               | 1106             |
| Jeffreys Bank and Ledge, Me.....              | 1106             |
| Jekyl Creek, Island and Sound, Ga.....        | 157              |
| Jekyl Sound, St. Andrews Sound, Ga.....       | 448              |
| Jenner, Calif.....                            | 550 <sup>2</sup> |
| Jericho Bay, Me.....                          | 308              |
| Jersey City, N. J.....                        | 369              |
| Jessup Neck, Little Peconic Bay, N. Y.....    | 298              |
| Jewell Island, Casco Bay, Me.....             | 315              |
| Jims Head, Me.....                            | 801              |
| Job Island, West Penobscot Bay, Me.....       | 310              |
| Jobos and Harbor, P. R.....                   | 909              |
| Joes Point, New Brunswick.....                | 801              |
| Johns Bay and River, Me.....                  | 313              |
| Johns Island, S. C.....                       | 154              |
| Johns Pass, Boca Ceiga, Fla.....              | 177              |
| Johnson Bay, Me.....                          | 801              |
| Johnsons Point, Little Kennebec Bay, Me.....  | 303              |
| Jointer Creek, Jekyl Sound, Ga.....           | 157              |
| Jolly River, Cumberland Sound, Fla.....       | 158              |
| Jones Bay, Pamlico Sound, N. C.....           | 1231             |
| Jones Beach, Long Island, N. Y.....           | 578              |
| Jones Inlet, Long Island, N. Y.....           | 1215             |
| Jones Neck, Medomak River, Me.....            | 313              |
| Jonesboro, Me.....                            | 304              |
| Jonesport, Me.....                            | 304              |
| Jordans Island, Frenchmans Bay, Me.....       | 306              |
| Jordans Pond, Mount Desert Island, Me.....    | 306              |
| Jordans River, Me.....                        | 307              |
| Joy Bay, Me.....                              | 305              |
| Juan de Fuca, Wash. and British Columbia..... | 6300             |
| Julienton River, Sapelo Sound, Ga.....        | 444              |
| Juneau (post office), Alaska.....             | 8235             |
| Jupiter Inlet, River and Sound, Fla.....      | 164              |

## K.

|   |      |
|---|------|
| Kaaluhi and Bay, T. H.....              | 4115 |
| Kaawaloa, and Cove, T. H.....           | 4115 |
| Kaena Point, T. H.....                  | 4116 |
| Kahala Point and Light, T. H.....       | 4117 |
| Kahalin Harbor, T. H.....               | 4105 |
| Kahakuloa, and Head, T. H.....          | 4116 |
| Kahana and Bay, T. H.....               | 4116 |
| Kahiu Point, T. H.....                  | 4116 |
| Kahoolawe Island, T. H.....             | 4116 |
| Kahukil and Point, T. H.....            | 4116 |
| Kaiaaka Bay, and Point, T. H.....       | 4116 |
| Kailiu Point, T. H.....                 | 4117 |
| Kailua Bay, T. H.....                   | 4116 |
| Kailua, Bay and Light, T. H.....        | 4115 |
| Kaiwi Channel, T. H.....                | 4116 |
| Kake (post office), Alaska.....         | 8200 |
| Kalama, Wash.....                       | 6153 |
| Kalapana, T. H.....                     | 4115 |
| Kalaupapa Leper Settlement, T. H.....   | 4116 |
| Kalea (south cape) and Light, T. H..... | 4115 |
| Kali, and Entrance, T. H.....           | 4116 |
| Kalihiwai, and Bay, T. H.....           | 4117 |

|  | Chart.  |
|--|---------|
| Kalio Bay and Light, T. H.....                   | 4115    |
| Kalohl Channel, T. H.....                        | 4116    |
| Kalulului Harbor and Light, T. H.....            | 4105    |
| Kalwatta, Alaska.....                            | 8303    |
| Kamalo Harbor and Light, T. H.....               | 4116    |
| Kamilo Point, T. H.....                          | 4115    |
| Kamukahi Channel, T. H.....                      | 4117    |
| Kanaio, T. H.....                                | 4115    |
| Kanapou Bay, T. H.....                           | 4116    |
| Kaneohe, and Bay, T. H.....                      | 4116    |
| Kapaa, T. H.....                                 | 4117    |
| Kapuna Mountain, T. H.....                       | 4115    |
| Karheen, Alaska.....                             | 8150    |
| Karluk Anchorage, Alaska.....                    | 8822    |
| Kasaan Bay and Village, Alaska.....              | 8077    |
| Kasilof, Alaska.....                             | 8553    |
| Kaslars Point, Calif.....                        | 5476    |
| Katalala, Alaska.....                            | 8513    |
| Katama Bay, Marthas Vineyard, Mass.....          | 346     |
| Kauai Island, T. H.....                          | 4117    |
| Kauhola Point and Light, T. H.....               | 4115    |
| Kauiki Head and Light, T. H.....                 | 4116    |
| Kaula Island, T. H.....                          | 4117    |
| Kauna Point, T. H.....                           | 4115    |
| Kaunakakai Harbor and Light, T. H.....           | 4106    |
| Kawaihae Bay and Light, T. H.....                | 4115    |
| Kaweliko Point, T. H.....                        | 4117    |
| Keahole Point and Light, T. H.....               | 4115    |
| Kealahakiki Channel and Point, T. H.....         | 4116    |
| Kealakekua Bay, T. H.....                        | 4511    |
| Kealia, T. H.....                                | 4117    |
| Keauhou and Bay, T. H.....                       | 4115    |
| Kedges Straits, Chesapeake Bay, Md.....          | 1224    |
| Kekah, T. H.....                                 | 4117    |
| Kelly Point, Pennamaquan River, Me.....          | 801     |
| Kelp Bay, Alaska.....                            | 8243    |
| Kelso, Wash.....                                 | 6153    |
| Kenai, Lake and River, Alaska.....               | 8553    |
| Kenai Peninsula, Alaska.....                     | 8538    |
| Kendall Head, Moose Island, Me.....              | 801     |
| Kennebec River, Me.....                          | 314     |
| Kennebunk River, Me.....                         | 1205    |
| Kennebunkport, Me.....                           | 1205    |
| Kent Island, Chesapeake Bay, Md.....             | 1225    |
| Kershaw Creek, Neuse River, N. C.....            | 538     |
| Ketchikan, Alaska.....                           | 8094    |
| Kettle Swash (Inlet), S. C.....                  | 151     |
| Key Biscayne and Bay, Fla.....                   | 166     |
| Key Largo, Fla.....                              | 166-167 |
| Key Vaca, Fla.....                               | 168     |
| Key West, Island, Harbor, and Channels, Fla..... | 584     |
| Khaz Bay, Alaska.....                            | 8280    |
| Kiam (post office), Alaska.....                  | 8077    |
| Kiawah Island, S. C.....                         | 154     |
| Kickamint River, Mount Hope Bay, R. I.....       | 353     |
| Kihei, T. H.....                                 | 4116    |
| Kiholo Bay, T. H.....                            | 4115    |
| Kilauea, and Light, T. H.....                    | 4117    |
| Killisnoo, and Harbor, Alaska.....               | 8285    |
| Kill Van Kull, N. Y. and N. J.....               | 544     |
| Kimball Island, Isle au Haut Bay, Me.....        | 309     |
| Kingston, and Bay, Mass.....                     | 245     |
| Kingston, and Point, Hudson River, N. Y.....     | 283     |
| Kingston, Wash.....                              | 6450    |
| Kiniklik (post office), Alaska.....              | 8517    |
| Kipniak, Alaska.....                             | 9373    |
| Kinkwan (post office), Alaska.....               | 8100    |
| Kipaeae Hill, T. H.....                          | 4115    |
| Kipahulu, T. H.....                              | 4116    |
| Kirilof Bay, Alaska.....                         | 8851    |
| Kitimat (post office), British Columbia.....     | 7002    |
| Kittery, Piscataqua River, Me.....               | 0329    |
| Klamath River, Calif.....                        | 5702    |
| Klawak Inlet and Post Office, Alaska.....        | 8155    |
| Klukwan, Alaska.....                             | 8303    |
| Knights Key, Harbor, and Channel, Fla.....       | 168     |
| Knik Arm, Alaska.....                            | 8557    |
| Knik (post office), Alaska.....                  | 8553    |



|   | Chart.      |   | Chart.  |
|---|-------------|---|---------|
| Knubble Bay, Me.....                                    | 315a        | Ledburg Reef, Fla.....                                  | 166     |
| Kodiak and Harbor, Alaska.....                          | 8570        | Lee Channel, Culebra Island, P. R.....                  | 914     |
| Koglung, Alaska.....                                    | 8802        | Lees Island, Kennebec River, Me.....                    | 314     |
| Kohole Point and Light, T. H.....                       | 4117        | Lees River, Mt. Hope Bay, Mass.....                     | 353     |
| Koloa, T. H.....  | 4117        | Legare Anchorage, Florida Reefs, Fla.....               | 465     |
| Kootznahoo Inlet, Alaska.....                           | 8247        | Lehua Island, T. H.....                                 | 4117    |
| Korovin Bay, Alaska.....                                | 9196        | Lehuawehe Bay, T. H.....                                | 4117    |
| Kotlik, Alaska.....                                     | 9372        | Leipsic River, Del.....                                 | 1218    |
| Kotzebue Post Office and Sound, Alaska.....             | 9400        | Leleiwi Point, T. H.....                                | 4115    |
| Kuiu Island, Alaska.....                                | 8304        | Lemon Bay, Fla.....                                     | 175     |
| Kukak and Bay, Alaska.....                              | 8851        | Leonardtown, Breton Bay, Md.....                        | 558     |
| Kukii Point and Light, T. H.....                        | 4117        | Lepreau Point, New Brunswick.....                       | 1000    |
| Kukuihaele, and Light, T. H.....                        | 4115        | L'Entang Harbor, New Brunswick.....                     | 101     |
| Kuliliak Bay, Alaska.....                               | 9196        | Lefite Harbor, New Brunswick.....                       | 801     |
| Kupreanof Island, Alaska.....                           | 8304        | Lewes, Del.....   | 379     |
| Kupreanof Strait, Alaska.....                           | 8570        | Lewis Bay, Hyannis Harbor, Mass.....                    | 247     |
| Kuskokwim Bay and River, Alaska.....                    | 9103-9104   | Lewis River, Wash.....                                  | 6154    |
| Kustatan, Alaska.....                                   | 8553        | Libby Islands, Me.....                                  | 303     |
| Kwik, Alaska.....                                       | 9380        | Liberty Bay, Wash.....                                  | 6443    |
| Kwiklakchun, Alaska.....                                | 9373        | Liberty Point, St. Croix River, Me.....                 | 801     |
| Kwikluak Mouth, Alaska.....                             | 9373        | Lihue, T. H.....  | 4117    |
| <b>L.</b>   |             |   |         |
| Laau, Point and Light, T. H.....                        | 4116        | Limestone Inlet, Alaska.....                            | 8229    |
| Lacconner, Wash.....                                    | 6380        | Limon Bay, Canal Zone.....                              | 950     |
| Lacosta, Calif.....                                     | 5102        | Lincolnville, Me.....                                   | 310     |
| Lacosta Island, Fla.....                                | 175         | Lindhurst, Great South Bay, Long Island, N. Y.....      | 578     |
| Ladies Island, Beaufort River, S. C.....                | 155         | Linekin Bay, Me.....                                    | 314     |
| Ladysmith, British Columbia.....                        | 6300        | Linekin Neck, Me.....                                   | 313     |
| Lagoon Pond, Marthas Vineyard, Mass.....                | 347         | Lines Island, Kennebec River, Me.....                   | 314     |
| Laguna, Calif.....                                      | 5102        | Linnton, Oreg.....                                      | 6154    |
| Laguna Madre, Tex.....                                  | 210-211-212 | Lipoa Point, T. H.....                                  | 4116    |
| Laguna Point, Calif.....                                | 5703        | Litnik, Alaska.....                                     | 8555    |
| Lahaina, and Light, T. H.....                           | 4116        | Little Annessex River, Chesapeake Bay, Md.....          | 1224    |
| Laie Bay and Point, T. H.....                           | 4116        | Little Assawoman Bay, Del.....                          | 1219    |
| Laireys Narrows, Hurricane Sound, Me.....               | 310         | Little Bay, Fleet Bay, Chesapeake Bay, Va.....          | 534     |
| La Jolla and Point, Calif.....                          | 5102        | Little Bay, Long Island, N. Y.....                      | 273     |
| Lake Agamenticus, Me.....                               | 1205        | Little Captain Island, Conn.....                        | 222     |
| Lake Bay, Alaska.....                                   | 8162        | Little Choptank River, Chesapeake Bay, Md.....          | 1225    |
| Lake Borgne, La.....                                    | 1268        | Little Cranberry Island, Me.....                        | 306     |
| Lake Chicawauke, Me.....                                | 320         | Little Deer Isle, Me.....                               | 309     |
| Lake Dexter, St. Johns River, Fla.....                  | 509         | Little Diamond Island, Casco Bay, Me.....               | 325     |
| Lake Earl, Calif.....                                   | 5895        | Little Egg Inlet and Harbor, N. J.....                  | 1216    |
| Lake George, St. Johns River, Fla.....                  | 508         | Little Gotts Island, Me.....                            | 306     |
| Lake Harney, St. Johns River, Fla.....                  | 458         | Little Harbor, Piscataqua River, N. H.....              | 0329    |
| Lake Maurepas, La.....                                  | 1269        | Little Hell Gate, East River, N. Y.....                 | 369 6   |
| Lake Merced, Calif.....                                 | 5530        | Little Hickory Island and Pass, Fla.....                | 174     |
| Lake Monroe, St. Johns River, Fla.....                  | 509         | Little Kennebec Bay, Me.....                            | 303     |
| Lake Pelt, La.....                                      | 198         | Little Machias Bay, Me.....                             | 303     |
| Lake Ponchartrain, La.....                              | 1269        | Little Machipongo Inlet, Va.....                        | 1221    |
| Lake St. Catherine, La.....                             | 1268        | Little Narrangansett Bay, R. I.....                     | 358     |
| Lake Tallawa, Calif.....                                | 5895        | Little Neck Bay, Long Island, N. Y.....                 | 1213    |
| Lake Tashmoo, Marthas Vineyard, Mass.....               | 112         | Little Ogeechee Point, Vernon River, Ga.....            | 156     |
| Lake Union, Wash.....                                   | 6445        | Little Peconic Bay, Long Island, N. Y.....              | 299     |
| Lake Washington, Wash.....                              | 6446        | Little River, Albemarle Sound, N. C.....                | 1228    |
| Lake Wimico, Apalachicola River, Fla.....               | 183         | Little River and Inlet, S. C.....                       | 151     |
| Lake Worth, Inlet and Creek, Fla.....                   | 164         | Little River, Calif.....                                | 5703    |
| Lakeville, Calif.....                                   | 5533        | Little River, Island and Head, Me.....                  | 303     |
| Lambert Point, Va.....                                  | 400         | Little Round Shoal, Monomoy Shoals, Mass.....           | 250     |
| Lamoine, Me.....  | 307         | Little Sarasota Bay, Pass and Point, Fla.....           | 176     |
| Lamprey River, Great Bay, N. H.....                     | 229         | Little Satilla River, Jekyll Sound, Ga.....             | 448     |
| Lanai Island, T. H.....                                 | 4116        | Little Sheepscot River, Me.....                         | 315a    |
| Lancaster Creek, Rappahannock River, Va.....            | 535         | Little Spencer Island, Me.....                          | 304     |
| Lanceford Creek, Amelia River, Fla.....                 | 453         | Little Thorofare, Fox Island Thorofare, Me.....         | 311a    |
| Landlock, Alaska.....                                   | 8519        | Little Wicomico River, Chesapeake Bay, Va.....          | 1223    |
| Larchmont, and Harbor, Long Island, N. Y.....           | 271         | Littlejohns Island, Casco Bay, Me.....                  | 315     |
| Largo Shoals, P. R.....                                 | 917         | Lituya Bay, Alaska.....                                 | 8262    |
| Larrabee, Me.....                                       | 303         | Lloyd Neck, Harbor and Point, Long Island, N. Y.....    | 224     |
| Larsell Island, West Penobscot Bay, Me.....             | 310         | Loa Point, T. H.....                                    | 4115    |
| Larson Bay, Alaska.....                                 | 8822        | Lobos Rocks, Calif.....                                 | 5476    |
| Las Cucarachas, P. R.....                               | 921         | Lockwoods Folly River and Inlet, N. C.....              | 150     |
| Latouche, and Passage, Alaska.....                      | 8523        | Loggerhead Key, Tortugas, Fla.....                      | 471a    |
| Laupahoehoe Point and Light, T. H.....                  | 4115        | Long Bay, Cedar Island Bay, Pamlico Sound, N. C.....    | 1231    |
| Lavaca Bay, Matagorda, Tex.....                         | 208         | Long Beach, Calif.....                                  | 5143    |
| Lawrence Point, Long Island, N. Y.....                  | 369 6       | Long Beach, N. J.....                                   | 1216    |
| Leadbetter Island and Narrows, Hurricane Sound, Me..... | 311a        | Long Beach, Wash.....                                   | 6100    |
| Leadbetter Point, Wash.....                             | 6185        | Long Cove, Tennant Harbor, Me.....                      | 312     |
| League Island, Delaware River, Pa.....                  | 381         | Long Island Bay, Grand Manan Island, New Brunswick..... | 101     |
|   |             | Long Island, Blue Hill Bay, Me.....                     | 307-308 |
|   |             | Long Island, Boston Harbor, Mass.....                   | 246     |



|   | Chart. |   | Chart.  |
|---|--------|---|---------|
| Long Island, Casco Bay, Me.....                         | 315    | Manasquan River and Inlet, N. J.....                  | 1216    |
| Long Island City, Long Island, N. Y....                 | 369*   | Manatee, and River, Tampa Bay, Fla....                | 177     |
| Long Island, Florida Reef, Fla.....                     | 167    | Manati, and River, P. R.....                          | 993     |
| Long Island, Kennebec River, Me.....                    | 314    | Manchas, Inner, Outer and Grandes, P. R.....          | 931     |
| Long Island, New Brunswick.....                         | 801    | Manchester, and Harbor, Mass.....                     | 244     |
| Long Island, New Meadows River, Me.....                 | 315    | Manchester, James River, Va.....                      | 531     |
| Long Island, Nova Scotia.....                           | 1106   | Manctte, Wash.....                                    | 6444    |
| Long Island, South Bay, Me.....                         | 801    | Mangrove Harbor, Culbro Island, West Indies.....      | 913     |
| Long Island, West Penobscot Bay, Me.....                | 310    | Manhasset Neck and Harbor, Long Island, N. Y.....     | 1213    |
| Long Key, Fla.....                                      | 168    | Manhattan Beach, Coney Island, N. Y.....              | 542     |
| Long Key, Sarasota Bay, Fla.....                        | 176    | Manhattan Transfer, N. J.....                         | 287     |
| Long Neck, Buzzards Bay, Mass.....                      | 251    | Mano Point, T. H.....                                 | 4115    |
| Long Neck, near Woods Hole, Mass.....                   | 348    | Manokin River, Potomac River, Md.....                 | 1224    |
| Long Neck Point, Long Island Sound, Conn.....           | 220    | Manteo, Roanoke Island, N. C.....                     | 1229    |
| Long Pond, Mount Desert Island, Me.....                 | 307    | Mantoloking, N. J.....                                | 1216    |
| Long Poreupine Island, Frenchmans Bay, Me.....          | 306    | Mantua Creek, Delaware River, N. J.....               | 295     |
| Long Sand Shoal, Long Island Sound, Conn.....           | 1212   | Manursing Island, Long Island Sound, N. Y.....        | 222     |
| Longport, N. J.....                                     | 1217   | Mapleton, Oreg.....                                   | 5802    |
| Lopez, British Columbia.....                            | 6300   | Maquoit Bay, Casco Bay, Me.....                       | 315     |
| Lopez Point, Calif.....                                 | 5302   | Marblehead Harbor and Neck, Mass.....                 | 244     |
| Loring, Alaska.....                                     | 8124   | Marcus Hook, Pa.....                                  | 295     |
| Los Angeles Harbor, Calif.....                          | 5145   | Mare Island and Strait, Calif.....                    | 5525    |
| Lossmans River, Fla.....                                | 172    | Mare Island, Calif.....                               | 5523    |
| Lowell, Wash.....                                       | 6448   | Mare Point, Bay and Neck, Casco Bay, Me.....          | 315     |
| Lowells Island, Boston Harbor, Mass.....                | 246    | Marin Islands, Calif.....                             | 5533    |
| Lower Cedar Point, Potomac River.....                   | 558    | Marion, Sippican Harbor, Buzzards Bay, Mass.....      | 251     |
| Lower Goose Island, Casco Bay, Me.....                  | 315    | Mark Point, St. Croix River, New Brunswick.....       | 801     |
| Lower Matecumbe Key, Fla.....                           | 167    | Markham, Calif.....                                   | 5502    |
| Lubec and Narrows, Me. and New Brunswick.....           | 801    | Maronct, and Point, Cape Cod Bay, Mass.....           | 1208    |
| Luckses Sound, Casco Bay, Me.....                       | 315    | Marquesas Keys and Rock, Fla.....                     | 1252    |
| Ludlam Beach, N. J.....                                 | 1217   | Marsh Bay and River, Penobscot River, Me.....         | 311     |
| Lyman Anchorage, Alaska.....                            | 8076   | Marsh Harbor, Muscongus Bay, Me.....                  | 313     |
| Lyme, Connecticut River, Conn.....                      | 215    | Marsh Island, La.....                                 | 199-200 |
| Lynde Point, Connecticut River, Conn.....               | 215    | Mariners Harbor, Staten Island, N. Y.....             | 544     |
| Lynden, British Columbia.....                           | 6300   | Marshall Point, Port Clyde, Me.....                   | 312     |
| Lynn and Harbor, Mass.....                              | 337a   | Marrowstone, Wash.....                                | 6450    |
| Lynn Canal, Alaska.....                                 | 8300   | Marshall, Calif.....                                  | 5618    |
| Lynn Haven Bay and Roads, Va.....                       | 1222   | Marshall Island, Jericho Bay, Me.....                 | 308     |
|   |        | Marstons Point, Little Kennebec Bay, Me.....          | 303     |
| <b>M.</b>   |        | Marthas Vineyard, Mass.....                           | 112     |
| Maalaea Bay, T. H.....                                  | 4104   | Martin Point, Muscongus Bay, Me.....                  | 313     |
| Machias, Bay and River, Me.....                         | 303    | Martinez, Calif.....                                  | 5534    |
| Machias Seal Islands, Me.....                           | 303    | Mary Island Anchorage, Alaska.....                    | 8068    |
| Machiasport, Me.....                                    | 303    | Maryland Point, Potomac River, Md.....                | 559     |
| Machodoc River, Potomac River, Va.....                  | 558    | Marysville, Wash.....                                 | 6448    |
| Mack Arch Cove, Oreg.....                               | 5923   | Mascabin Point, New Brunswick.....                    | 801     |
| Mack Reef, Oreg.....                                    | 5923   | Mashnee Island, Buzzards Bay, Mass.....               | 251     |
| Mackays River, St. Simon Sound, Ga.....                 | 157    | Mason Island, Fishers Island Sound, Conn.....         | 358     |
| Mackerel Cove, Conanicut Island, R. I.....              | 353*   | Masons Bay, Me.....                                   | 304     |
| Mackeys Island, Casco Bay, Me.....                      | 325    | Masonboro Sound and Inlet, N. C.....                  | 150     |
| Macmaster Island, New Brunswick.....                    | 801    | Massachusetts Bay, Mass.....                          | 1107    |
| Mad Inlet, N. C.....                                    | 151    | Matagorda Bay and Peninsula, Tex.....                 | 207     |
| Mad River, Calif.....                                   | 5602   | Matagorda Island, Tex.....                            | 208     |
| Madison, and Reef, Long Island, Conn.....               | 216    | Matamoros, Rio Grande River, Mexico.....              | 212     |
| Madrone, Wash.....                                      | 6444   | Matangas Island and Inlet, Fla.....                   | 159     |
| Magaguadavic River, New Brunswick.....                  | 101    | Matanzas Pass, Estero Bay, Fla.....                   | 174     |
| Magnolia Beach, S. C.....                               | 152    | Matecumbe Key, Fla.....                               | 167     |
| Magothy Bay, Chesapeake Bay, Va.....                    | 1222   | Mathacha Pass, Charlotte Harbor, Fla.....             | 175     |
| Magothy River, Chesapeake Bay, Md.....                  | 549    | Mathias Point, Potomac River, Va.....                 | 559     |
| Mahukona Harbor and Light, T. H.....                    | 4101   | Matinicoek Point, Long Island, N. Y.....              | 1213    |
| Maimanalo, and Bay, T. H.....                           | 4116   | Matinicus Harbor, Island and Rock, Me.....            | 225     |
| Makaalae Point, T. H.....                               | 4116   | Mattaponi River, Va.....                              | 504     |
| Makahuena Point and Light, T. H.....                    | 4117   | Mattapoisset Harbor and Neck, Buzzards Bay, Mass..... | 252     |
| Makanalua Peninsula, T. H.....                          | 4116   | Mattawoman Creek, Potomac River, Md.....              | 559     |
| Makapu Head and Light, T. H.....                        | 4116   | Matteawan, Hudson River, N. Y.....                    | 282     |
| Makio Point, T. H.....                                  | 4116   | Mattituck, and Inlet, Long Island, N. Y.....          | 299     |
| Makolea Point, T. H.....                                | 4115   | Mattole Landing, Calif.....                           | 5795    |
| Makumanu Island, T. H.....                              | 4116   | Mattox Creek, Potomac River, Va.....                  | 558     |
| Malaga Cove, Calif.....                                 | 5144   | Mauna Kea, T. H.....                                  | 4115    |
| Malden, Boston, Mass.....                               | 109    | Mauna Loa, T. H.....                                  | 4115    |
| Malibu Point, Calif.....                                | 5202   | Maunawai, T. H.....                                   | 4116    |
| Manacook Cove and Hill, Thames River, Conn.....         | 293    | Maurepas Lake, La.....                                | 1269    |
| Mamalu Bay, T. H.....                                   | 4116   | Maurice River, Cove and Neck, Delaware Bay, N. J..... | 1218    |
| Mamaroneck, and Harbor, Long Island Sound, N. Y.....    | 271    | May River, Calebogue Sound, S. C.....                 | 571     |
| Man of War Point, Campobello Island, New Brunswick..... | 801    | Mayaguez, and Bay, P. R.....                          | 931     |
| Mana, and Point, T. H.....                              | 4117   | McArthur Pass, Alaska.....                            | 8527    |
| Manahawken, and Bay, N. J.....                          | 1216   | McDonald Bay, Alaska.....                             | 8851    |
| Manana Island, T. H.....                                | 4116   | McGee Island, Me.....                                 | 312     |

|  | Chart.  |   | Chart.   |
|--|---------|---|----------|
| McGlathery Island, Merchants Row, Me.....        | 309     | Monterey, Calif.....  | 5403     |
| McGregor Point and Light, T. H.....              | 4104    | Montesano, Wash.....  | 6195     |
| McKenzie Inlet, Alaska.....                      | 8077    | Monticello, Wash.....   | 6153     |
| McMahons Island, Sheepscot River, Me.....        | 315a    | Montsweag Bay, Me.....  | 314      |
| Medomak River, Me.....                           | 313     | Monument River and Beach, Buzzards Bay, Mass.....                 | 251      |
| Meduncook River, Me.....                         | 313     | Moore Harbor, Isle au Haut, Me.....                               | 309      |
| Medway River, St. Catherine Sound, Ga.....       | 443     | Moosabec Reach, Me.....   | 304      |
| Melrose, Calif.....                              | 5531    | Moose Island and Neck, Me.....                                    | 304      |
| Mendocino Bay and City, Calif.....               | 5719    | Moose Island, Cove and River, Me.....                             | 101      |
| Merchants Island and Row, Me.....                | 309     | Morehead City, N. C.....  | 402      |
| Mericoneag Strait, Casco Bay, Me.....            | 315     | Morena, Calif.....  | 5102     |
| Merle, Calif.....                                | 5102    | Moreno Point, Tampa Bay, Fla.....                                 | 185      |
| Mermentau River, La.....                         | 201     | Morgan Island and River, St. Helena Sound, S. C.....              | 435      |
| Merrimac River, Mass.....                        | 331     | Morgans Bay, Blue Hill Bay, Me.....                               | 307      |
| Merritts Island, Fla.....                        | 161     | Moriches, and Bay, Long Island, N. Y.....                         | 578      |
| Merry Meeting Bay, Kennebec River, Me.....       | 314     | Morris and Essex Canal, N. J.....                                 | 369      |
| Meshik, Alaska.....                              | 8802    | Morris Island, S. C.....  | 154      |
| Mesquite Bay, Aransas Bay, Tex.....              | 209     | Morrisania, New York City.....                                    | 369      |
| Metedeconk River and Neck, N. J.....             | 1216    | Morro, and Bay, Calif.....  | 5302     |
| Metlakatal, Alaska.....                          | 8074    | Morro Point and River, Calif.....                                 | 5102     |
| Metomkin Inlet, Bay and Island, Va.....          | 1221    | Morro Point, P. R.....  | 908      |
| Miakka River, Charlotte Harbor, Fla.....         | 175     | Morse Island, Moscongus Bay, Me.....                              | 313      |
| Miami, Fla.....                                  | 165     | Morzhovoy, Alaska.....  | 8822     |
| Miamus River, Coscob Harbor, Conn.....           | 222     | Moser Channel, Fla.....   | 168      |
| Middle Bay, Casco Bay, Me.....                   | 315     | Mosquito Bay, Culebra Island, West Indies.....                    | 913      |
| Middle Inlet, S. C.....                          | 152     | Mosquito Harbor and Island, Me.....                               | 312      |
| Middle Sound, N. C.....                          | 150     | Mosquito Inlet, Fla.....  | 160      |
| Middletown Anchorage, Pamlico Sound, N. C.....   | 1232    | Mosquito Lagoon, Fla.....   | 161-160  |
| Middletown, Connecticut River, Conn.....         | 255     | Mott Haven, N. Y.....   | 274      |
| Midjik Bluff, New Brunswick.....                 | 801     | Moultrieville, S. C.....  | 154      |
| Midnight, Alaska.....                            | 852     | Mount Desert Island, Me.....                                      | 306-307  |
| Milbrae, Calif.....                              | 5531    | Mount Desert Narrows, Me.....                                     | 307      |
| Milford, Conn.....                               | 219     | Mount Hope Bay, Narragansett Bay, R. I. and Mass.....             | 353      |
| Milford Haven, Chesapeake Bay, Va.....           | 534     | Mount Kohala, T. H.....   | 4115     |
| Mill Creek, Ingram Bay, Chesapeake Bay, Va.....  | 534     | Mount Landing Creek, Va.....                                      | 535      |
| Mill River, Harrington River, Me.....            | 305     | Mount Misery Point, Port Jefferson Harbor, Long Island, N. Y..... | 361      |
| Mill River, New Haven, Conn.....                 | 218     | Mount Vernon, N. Y.....   | 281      |
| Mill River, Southport, Conn.....                 | 220     | Mount Vernon, Va.....   | 560      |
| Mill Valley, Calif.....                          | 5532    | Mud Bay, Alaska.....  | 8822     |
| Millbridge, Me.....                              | 305     | Mud Hole Channel, Mistake Harbor, Me.....                         | 304      |
| Millerton, Calif.....                            | 5618    | Mud River, Sapelo Sound, Ga.....                                  | 444      |
| Milton, Blackwater River, Fla.....               | 186     | Muertos Island, P. R.....   | 927      |
| Minister Island, New Brunswick.....              | 801     | Mukkaw Bay, Wash.....   | 6265     |
| Minots Ledge Light, Mass.....                    | 109     | Mulholland, Point, Campobello Island, New Brunswick.....          | 801      |
| Miraflores Island, Bay and Shoal, P. R.....      | 908     | Mullet Key, Tampa Entrance, Fla.....                              | 477      |
| Mispillin River and Neck, Del.....               | 1218    | Mumford Cove, Fishers Island Sound, Conn.....                     | 358      |
| Mission Bay, Calif.....                          | 5102    | Murder Cove, Alaska.....  | 8242     |
| Mississippi River, La.....                       | 194-195 | Murderkill River and Neck, Del.....                               | 1218     |
| Mississippi River Passes, La.....                | 194     | Murrell Inlet, S. C.....  | 152      |
| Mississippi Sound, Ala. and Miss.....            | 189-190 | Muscle Ridge Channel, Me.....                                     | 312      |
| Mist Harbor, Alaska.....                         | 8851    | Muscongus Bay, Sound and Island, Me.....                          | 313      |
| Mistake Harbor and Island, Me.....               | 304     | Muskeget Channel and Island, Mass.....                            | 112      |
| Mitkof Island, Alaska.....                       | 8250    | Musquashiot Pond, Mass.....                                       | 109      |
| Mobile, Bay, River, Point and Entrance, Ala..... | 188     | Mustang Island, Tex.....  | 210      |
| Mobjack Bay, Chesapeake Bay, Va.....             | 494     | Myrth Point, Oreg.....  | 5802     |
| Mochips, Wash.....                               | 6400    | Myrth Sound, N. C.....  | 150      |
| Mohokea Caldera Mountains, T. H.....             | 4115    | Mystic and River, Fishers Island Sound, Conn.....                 | 358      |
| Mofra Sound, Alaska.....                         | 8076    | Mystic River, Boston, Mass.....                                   | 348      |
| Mokapu Peninsula, T. H.....                      | 4116    |   |          |
| Mochehia Island, T. H.....                       | 4116    | <b>N.</b>   |          |
| Mokolii Passage, T. H.....                       | 4116    | Nagai Island, Alaska.....   | 8851     |
| Mokukooniki Island, T. H.....                    | 4116    | Naha Bay, Alaska.....   | 8124     |
| Mokulia Islands, T. H.....                       | 4116    | Nahant and Bay, Mass.....   | 337a     |
| Molasses Reef, Fla.....                          | 167     | Naheotta, Wash.....   | 6185     |
| Mole Harbor, Alaska.....                         | 8228    | Nakalele Point and Light, T. H.....                               | 4116     |
| Molokai Island, and Light, T. H.....             | 4116    | Nakhliwak, Alaska.....  | 9372     |
| Molokini Island and Light, T. H.....             | 4116    | Nanaimo, British Columbia.....                                    | 6300     |
| Mona Island, P. R.....                           | 901     | Nandua Creek, Chesapeake Bay, Va.....                             | 1223     |
| Monhegan Island, Me.....                         | 312     | Nanjemoy Creek, Potomac River, Md.....                            | 559      |
| Monito Island, P. R.....                         | 901     | Nannacatucket, River R. I.....                                    | 353      |
| Monmouth Beach, N. J.....                        | 543     | Nansemond River, Va.....  | 529      |
| Monomoy Island and Point, Mass.....              | 1209    | Nantasket Roads and Harbor, Mass.....                             | 246      |
| Monomoy Shoals, Mass.....                        | 250     | Nanticoke River, Chesapeake Bay, Md.....                          | 1224     |
| Monroe Island, West Penobscot Bay, Me.....       | 320     | Nantucket and Harbor, Mass.....                                   | 343      |
| Monsam River, Me.....                            | 1205    | Nantucket Shoals, Mass.....                                       | 1107     |
| Montara, and Mountain, Calif.....                | 5530    | Nantucket Sound Entrance, Mass.....                               | 250      |
| Montauk Point, Long Island, N. Y.....            | 1211    | Nantucket Sound, Mass.....  | 1209-112 |
| Monterey Bay, Calif.....                         | 5402    | Nanualele Point, T. H.....  | 4111     |



|  | Chart.           |   | Chart.    |
|--|------------------|---|-----------|
| Napa Island and River, Calif.                        | 5533             | No Mans Land (island), near Marthas Vineyard, Mass. | 112       |
| Napatree Point, and Beach, R. I.                     | 358              | Noank, Mystic River, Conn.                          | 358       |
| Napeague Bay and Harbor, Long Island, N. Y.          | 1211             | Nobska Point, near Woods Hole, Mass.                | 348       |
| Napoopoo Light, T. H.                                | 4115             | Nome (post office), Alaska.                         | 9880      |
| Narragansett Bay and Pier, R. I.                     | 353              | Nomini Bay and Creek, Potomac River, Va.            | 558       |
| Narraguagus Bay and River, Me.                       | 305              | Nonamesset Island, Vineyard Sound, Mass.            | 348       |
| Narrows, New York Harbor, N. Y.                      | 541              | Norfolk, Va.  | 400       |
| Nash Island, Me.                                     | 304              | Norris Cut, Key Biscayne Bay, Fla.                  | 165       |
| Naskeag Harbor and Point, Me.                        | 307              | North Bend, Oreg.                                   | 5984      |
| Nasketucket River and Bay, Buzzards Bay, Mass.       | 252              | North Brother Island, East River, N. Y.             | 273       |
| Nassau Point, Little Peconie Bay, Long Island, N. Y. | 1212             | North Cape, Mona Island.                            | 901       |
| Nassau Sound and River, Fla.                         | 577              | North Creek, Pamlico River, N. C.                   | 537       |
| Nasawaddox Creek, Chesapeake Bay, Va.                | 1223             | North East Cay, Culebra Island.                     | 921       |
| National City, Calif.                                | 5107             | Northeast Harbor, Alaska.                           | 8881-8841 |
| Nauset Harbor, Cape Cod, Mass.                       | 1209             | North Edisto, S. C.                                 | 154       |
| Naushon Island, Vineyard Sound, Mass.                | 249              | North Harbor, Deer Island, New Brunswick.           | 801       |
| Naval Point, Narragansett Bay, R. I.                 | 278              | North Haven Island, Me.                             | 3112      |
| Navarro, Calif.                                      | 5602             | North Haven, Me.                                    | 310       |
| Navesink Highlands and River, N. J.                  | 543              | North Haven, Shelter Island, Sound, N. Y.           | 298       |
| Navy Island, New Brunswick.                          | 801              | North Head, Wash.                                   | 6151      |
| Nawiliwili Bay, T. H.                                | 4117             | North Inlet, S. C.                                  | 152       |
| Nazau Bay, Alaska.                                   | 9196             | North Island, Calif.                                | 5107      |
| Neah Bay, Wash.                                      | 6265             | North Island, S. C.                                 | 425       |
| Neches River, Sabine Lake, Tex.                      | 203              | North Islesboro, Long Island, Me.                   | 311       |
| Neck, The, Newport, R. I.                            | 353 <sup>2</sup> | North Jupiter Narrows, Fla.                         | 163       |
| Nehalem River, Oreg.                                 | 6122             | North Landing River Entrance, N. C.                 | 406       |
| Neltushkin, Alaska.                                  | 8250             | North Landing River, Va.                            | 1227      |
| Nemah, Wash.   | 6100             | North Newport River, St. Catherine Sound, Ga.       | 156       |
| Neponset, Rockaway Beach, N. Y.                      | 542              | North River, Albemarle Sound, N. C.                 | 1228      |
| Neponset, and River, Boston, Mass.                   | 246              | North River, Doboy Sound, Ga.                       | 446       |
| Nestucca Bay, Oreg.                                  | 6088             | North River, Fla.                                   | 158-159   |
| Netarts, and Bay, Oreg.                              | 6100             | North River, N. C.                                  | 420       |
| Neuse River, N. C.                                   | 538              | North River (near) Scituate, Mass.                  | 109       |
| Newark, and Bay, N. J.                               | 287              | North San Diego, Calif.                             | 5102      |
| Newark, Calif.                                       | 5531             | North Santee River and Bay, S. C.                   | 153       |
| New Bedford, and Harbor, Buzzards Bay, Mass.         | 252              | Northern Bay, Bagaduce River, Me.                   | 311       |
| Newbern, Neuse River, N. C.                          | 538              | Northport, and Bay, Long Island, N. Y.              | 224       |
| New Brunswick, Raritan River, N. J.                  | 375              | Northwest Harbor, Alaska.                           | 8881      |
| Newburgh, Hudson River, N. Y.                        | 282              | Northwest Harbor, Calif.                            | 5126      |
| Newbury Neck, Union River Bay, Me.                   | 307              | Northwest Harbor, Deer Island, Me.                  | 309       |
| Newburyport, Mass.                                   | 331              | Northwest Harbor, Deer Island, New Brunswick.       | 801       |
| Newcastle, Damariscotta River, Me.                   | 313              | Northwest River, and Canal, N. C.                   | 1227      |
| Newcastle, Delaware River, Del.                      | 294              | Norton Sound, Alaska.                               | 9380      |
| Newcastle Island, Piscataqua River, N. H.            | 329              | Nortons Island, Me.                                 | 304       |
| Newfound Harbor Key, Fla.                            | 168-169          | Norwalk Islands, River and Harbor, Conn.            | 221       |
| New Gatun, Canal Zone.                               | 954              | Norwich, Thames River, Conn.                        | 359       |
| New Haven, and Harbor, Conn.                         | 218              | Notts Island, Connecticut River, Conn.              | 215       |
| New Inlet, Cape Fear River, N. C.                    | 150              | Noyack Bay, Long Island, N. Y.                      | 298       |
| New Inlet, N. C.                                     | 1229             | Noyo, Calif.  | 5703      |
| New Inlet, North River, Mass.                        | 109              | Nunivak Island, Alaska.                             | 9196      |
| New London, and Harbor, Conn.                        | 293              | Nushagak, and Bay, Alaska.                          | 9050      |
| New Meadows River, Casco Bay, Me.                    | 315              | Nyack, Hudson River, N. Y.                          | 281       |
| New Monterey, Calif.                                 | 5403             |   |           |
| New Orleans, La.                                     | 195              |   |           |
| New Point Comfort, Chesapeake Bay, Va.               | 494              |   |           |
| Newport, and Harbor, R. I.                           | 353 <sup>2</sup> |   |           |
| Newport Bay, Calif.                                  | 5102             |   |           |
| Newport News, Va.                                    | 400              |   |           |
| Newport, Oreg.                                       | 6058             |   |           |
| Newport River, N. C.                                 | 420              |   |           |
| New River, Inlet, Fla.                               | 165              |   |           |
| New River Inlet, N. C.                               | 422              |   |           |
| New River, Tybee Roads, S. C.                        | 440              |   |           |
| New Rochelle, N. Y.                                  | 272              |   |           |
| New Saratoga, Wash.                                  | 6185             |   |           |
| New Smyrna, Fla.                                     | 160              |   |           |
| New Topsail Inlet, N. C.                             | 148              |   |           |
| Newtown Creek, East River, N. Y.                     | 369 <sup>4</sup> |   |           |
| New York Bay and Harbor, N. Y.                       | 369              |   |           |
| New York Harbor, Anchorage, N. Y.                    | 541              |   |           |
| Niblack (post office), Alaska.                       | 8074             |   |           |
| Nichol Bay, Great South Bay, N. Y.                   | 578              |   |           |
| Nichols Passage, Alaska.                             | 8084             |   |           |
| Niihan Island, T. H.                                 | 4117             |   |           |
| Nikishka, Alaska.                                    | 8553             |   |           |
| Ninini Point and Light, T. H.                        | 4117             |   |           |
| Nitak, Alaska.                                       | 8553             |   |           |
| Nitro, Calif.  | 5533             |   |           |



|  | Chart.         |  | Chart.         |
|--|----------------|--|----------------|
| Ogeebee River, Ossabaw Sound, Ga.....              | 156            | Parker Island, New Brunswick .....                 | 801            |
| Ogunquit, Me.....                                  | 1205           | Parker River, Plum Island Sound, Mass. ....        | 1206           |
| Oilport, Calif.....                                | 5386           | Parkers Head, Kennebec River, Me.....              | 314            |
| Old Field Point, Long Island, N. Y.....            | 361 4          | Parkers River, Nantucket Sound, Mass.....          | 247            |
| Old Harbor, Boston Harbor, Mass.....               | 246            | Parkersburg, Oreg.....                             | 5802           |
| Old Harbor, Vinal Haven Island, Me.....            | 310            | Parramour Banks, Va.....                           | 1221           |
| Old Man Shoal, near Nantucket Island, Mass.....    | 1209           | Pascadero, Calif.....                              | 5402           |
| Old Orchard Beach, Me.....                         | 1205           | Pascagoula River, Mississippi Sound, Miss.....     | 189            |
| Old Point Comfort, Va.....                         | 400            | Paskamansett River, Buzzards Bay, Mass.....        | 249            |
| Old Tampa Bay, Fla.....                            | 177            | Pasque Island, Buzzards Bay, Mass.....             | 345            |
| Old Topsail Inlet, N. C.....                       | 148            | Pasquotank River, N. C.....                        | 1228           |
| Oldmans Point and Creek, Delaware River, N. J..... | 295            | Passagasawakeag River, Me.....                     | 319            |
| Olympia, and Harbor, Wash.....                     | 6462           | Passaic and River, N. J.....                       | 287            |
| Onancock, and Creek, Chesapeake Bay, Va.....       | 1223           | Pass a Loutre, Mississippi River Entrance, La..... | 194            |
| Onset, and Bay, Buzzards Bay, Mass.....            | 251            | Pass Aux Herons, Mississippi Sound, Ala.....       | 189            |
| Opama Point, T. H.....                             | 4116           | Pass Christian, Mississippi Sound, Miss.....       | 189            |
| Opechee Island, Blue Hill Bay, Me.....             | 308            | Pass Manchac, Lake Pontchartrain, La.....          | 1269           |
| Ophir, Oreg.....                                   | 5702           | Passamaquoddy Bay, New Brunswick.....              | 801            |
| Orange, Sabine River, Tex.....                     | 203            | Passtolik, Alaska.....                             | 9372           |
| Orca Bay and Inlet and Post Office, Alaska.....    | 8525           | Patapasco River and Patapasco River Neck, Md.....  | 549            |
| Orcutt Harbor, Eggemoggin Reach, Me.....           | 309            | Patchogue and Bay, Long Island, N. Y.....          | 578            |
| Oregon Inlet, N. C.....                            | 1229           | Patellas and River, P. R.....                      | 920            |
| Orient Harbor and Point, Long Island, N. Y.....    | 298            | Patience Island, R. I.....                         | 353            |
| Oriental Beach, Calif.....                         | 5202           | Patten Bay, Me.....                                | 307            |
| Orland, Penobscot River, Me.....                   | 311            | Patuxent River, Md.....                            | 539            |
| Orleans, Cape Cod, Mass.....                       | 1208           | Paukaa Point and Light, T. H.....                  | 4103           |
| Ormond, Fla.....                                   | 160            | Pauls Island, Calif.....                           | 5403           |
| Orrington, Penobscot River, Me.....                | 311            | Pauwalu Point and Light, T. H.....                 | 4116           |
| Orrs Island, Casco Bay, Me.....                    | 315            | Pauwela Point and Light, T. H.....                 | 4116           |
| Osborn Bank, Calif.....                            | 5102           | Pavonia, N. J.....                                 | 380            |
| Ossabaw Island, Ga.....                            | 156            | Pawcatuck Island, River and Point, Conn.....       | 358            |
| Ossabaw Sound, Ga.....                             | 441            | Pawik, Alaska.....                                 | 8802           |
| Ossining, Hudson River, N. Y.....                  | 281            | Pawley Inlet and Island, S. C.....                 | 152            |
| Ostrander, Wash.....                               | 6153           | Pawtucket, and River, R. I.....                    | 278            |
| Otay, Calif.....                                   | 5102           | Peace River, Charlotte Harbor, Fla.....            | 175            |
| Otis, British Columbia.....                        | 6300           | Peaks Sound, Casco Bay, Me.....                    | 325            |
| Otoque Island, Panama.....                         | 954            | Peapatch Island, Delaware River, Del.....          | 294            |
| Otter Island Passage, Muscongus Bay, Me.....       | 313            | Pea Point and Island, New Brunswick.....           | 101            |
| Outer Heron Island, Me.....                        | 313            | Pearl Harbor and City, T. H.....                   | 4107           |
| Outer Santa Barbara Passage, Calif.....            | 5102           | Pearl River Island, Lake Borgne, La.....           | 1268           |
| Overfalls Shoal, Delaware Entrance, N. J.....      | 1219           | Pearl River, Lake Borgne, Miss.....                | 1268           |
| Owlshead Bay, Me.....                              | 320            | Pecan Island, La.....                              | 200-201        |
| Oxnard, Calif.....                                 | 5202           | Peck Beach, N. J.....                              | 1217           |
| Oyster Bay and Harbor, Long Island, N. Y.....      | 224            | Peck Lake, Fla.....                                | 163            |
| Oyster Bay, Apalachee Bay, Fla.....                | 182            | Peconic Bay, Long Island, N. Y.....                | 299            |
| Oyster Bay, on Four League Bay, La.....            | 198            | Peddocks Island, Quiney Bay, Mass.....             | 246            |
| Oyster Bay, Tex.....                               | 1281           | Peedee River, S. C.....                            | 152            |
| Oyster River, Piscataqua River, N. H.....          | 229            | Peekskill, Hudson River, N. Y.....                 | 282            |
| Oysterville, Wash.....                             | 6185           | Pele Point and Hills, T. H.....                    | 4115           |
| Ozette, Wash.....                                  | 6265           | Pelham Bay, Long Island Sound, N. Y.....           | 272            |
| <b>P.</b>  |                | Pelican Bay, Calif.....                            | 5702           |
| Pablo Creek and Beach, Fla.....                    | 158            | Pelican Bay, Island and Passage, Ala.....          | 189            |
| Pacific Beach, Calif.....                          | 5102           | Pemamoguan River, Me.....                          | 801            |
| Pacific Grove, Calif.....                          | 5403           | Pemaquid Harbor, Falls, Neck and River, Me.....    | 313            |
| Pacific Park, Wash.....                            | 6185           | Pembroke, Me.....                                  | 801            |
| Pacific River, Fla.....                            | 166            | Pendleton Island, New Brunswick.....               | 801            |
| Pacific Valley, Calif.....                         | 5302           | Penfield Reef, Long Island, Sound, Conn.....       | 220            |
| Padre Island, Tex.....                             | 210-211-212    | Penguin Bank, T. H.....                            | 4116           |
| Pagan Creek, James River, Va.....                  | 529            | Penikese Island, Buzzards Bay, Mass.....           | 297            |
| Pagan Point, New Brunswick.....                    | 801            | Penus Neck, N. J.....                              | 294            |
| Pajaro River, Calif.....                           | 5403           | Penobscot Bay Approach, Me.....                    | 225            |
| Pakua Butte Mountain, T. H.....                    | 4115           | Penobscot Bay, Me.....                             | 104            |
| Palatka, Fla.....                                  | 508            | Penobscot River, Me.....                           | 311            |
| Palatka, St. Johns River, Fla.....                 | 4556           | Pensacola, and Bay, Fla.....                       | 490            |
| Palma Point, T. H.....                             | 4115           | Pensacola Bay, Entrance, Fla.....                  | 413            |
| Palmasola Bay, Fla.....                            | 477            | Pepperell Cove, Piscataqua River, Me.....          | 0329           |
| Palms, Calif.....                                  | 5202           | Perdido Bay and River, Fla.....                    | 187            |
| Palo Alto, Calif.....                              | 5531           | Peril Strait, Alaska.....                          | 8281-8282-8283 |
| Palo Seco Point, P. R.....                         | 908            | Perquimans River, Albermarle Sound, N. C.....      | 1228           |
| Palominos Island, P. R.....                        | 921            | Perry, Me.....                                     | 801            |
| Pamet River, Cape Cod, Mass.....                   | 341            | Perryville, Alaska.....                            | 8802           |
| Pamlico River, N. C.....                           | 537            | Persimmon Point, Potomac River, Va.....            | 558            |
| Pamlico Sound, N. C.....                           | 1229-1231-1234 | Perth Amboy, Arthur Kill, N. J.....                | 375            |
| Pamunkey River, Va.....                            | 502            | Petaluma, and Creek, Calif.....                    | 5533           |
| Panama Canal, Canal Zone.....                      | 954            | Petersburg (post office), Alaska.....              | 8170           |
| Panama City, St. Andrews Bay, Fla.....             | 184            | Petersburg, Va.....                                | 531            |
| Pantego Creek, Pungo River, N. C.....              | 1231           | Peterson Bay, Alaska.....                          | 8841           |
| Papawai Point, T. H.....                           | 4116           | Petit Bois, and Island, Miss.....                  | 189            |
| Paris Island, Port Royal Sound, S. C.....          | 571            | Petit Manan Point and Island, Me.....              | 305            |

|  | Chart. |   | Chart. |
|--|--------|---|--------|
| Petty Island, Delaware River, N. J.            | 380    | Point of Arches, Wash.                        | 6265   |
| Pfeiffer Point, Calif.                         | 5476   | Point Penos, Calif.                           | 5403   |
| Philadelphia, Pa.                              | 295    | Point Piedras Blancas, Calif.                 | 5302   |
| Phillips Island, Port Royal Sound, S. C.       | 571    | Point Pinos, Calif.                           | 5403   |
| Philps Bank, Nantucket Shoals, Mass.           | 1107   | Point Pleasant, N. J.                         | 1216   |
| Phinneys Harbor and River, Buzzards Bay, Mass. | 251    | Point Reyes, Calif.                           | 5999   |
| Phippsburg, Kennebec River, Me.                | 314    | Point Richmond, Calif.                        | 5533   |
| Phoebus, Va.                                   | 400    | Point Rip Shoal, Nantucket Island, Mass.      | 250    |
| Piankatank River, Va.                          | 534    | Point St. George, Calif.                      | 5895   |
| Pickering Island, East Penobscot Bay, Me.      | 309    | Point Sal, Calif.                             | 5302   |
| Pickles Reef, Fla.                             | 167    | Point Salmas, P. R.                           | 903    |
| Pigeon Hill Bay, Me.                           | 305    | Point San Luis, Calif.                        | 5302   |
| Pigeon Key, Fla.                               | 168    | Point San Mateo, Calif.                       | 5531   |
| Pillar Point, Calif.                           | 5520   | Point San Pablo, Calif.                       | 5533   |
| Pilot Rock, Calif.                             | 5846   | Point San Pedro, Calif.                       | 5533   |
| Pinckney Point, Nova Scotia                    | 1106   | Point Stephens, Oreg.                         | 6151   |
| Pine Island and Pass, Fla.                     | 175    | Point Sur, Calif.                             | 5476   |
| Pine Island, Fishers Island Sound, N. Y.       | 298    | Point Tuna, P. R.                             | 902    |
| Piney Point, Potomac River, Md.                | 557    | Point Verraco, P. R.                          | 928    |
| Pinkhorn Bay, Me.                              | 305    | Point Vincente, Calif.                        | 5143   |
| Pinole Point, Calif.                           | 5533   | Point Wilson, Wash.                           | 6450   |
| Piscataqua River, Me. and N. H.                | 1206   | Pokal Bay, T. H.                              | 4116   |
| Piscataway Creek, Va.                          | 535    | Pollock Rip Shoal, Monomoy Shoal, Mass.       | 250    |
| Pittsburg, Calif.                              | 5534   | Ponce and Harbor, P. R.                       | 927    |
| Placencia Island, Blue Hill Bay, Me.           | 308    | Pond Cove, Englishman Bay, Me.                | 304    |
| Plaisir Point, Oak Bay, New Brunswick          | 801    | Pond Island, Blue Hill Bay, Me.               | 308    |
| Platts Bank, Mass.                             | 1206   | Pond Island, Me.                              | 305    |
| Pleasant Bay and River, Me.                    | 305    | Popasquash Neck, Narragansett Bay, R. I.      | 3544   |
| Pleasant Bay, Boston Harbor, Mass.             | 246    | Popoff Strait, Alaska                         | 8700   |
| Pleasant Bay, Cape Cod, Mass.                  | 1209   | Poquonock River, Bridgeport Harbor, Conn.     | 220    |
| Pleasant Cove, Damariscotta River, Me.         | 313    | Poquonock River, Fishers Island Sound, Conn.  | 359    |
| Pleasant Point, Me.                            | 801    | Poquoson River, Chesapeake Bay, Va.           | 494    |
| Pleasure Bay, Shrewsbury River, N. J.          | 543    | Porcupine, post office, Alaska                | 8300   |
| Plum Island and Sound, Mass.                   | 1206   | Port Angeles, Wash.                           | 6303   |
| Plumb Island, Jamaica Bay, N. Y.               | 542    | Port Arthur and Ship Canal, Tex.              | 517    |
| Plymouth Bay and Harbor, Mass.                 | 245    | Port Ballona, Calif.                          | 5144   |
| Plymouth, Roanoke River, N. C.                 | 409    | Port Bazan, Alaska                            | 8262   |
| Pocasset Harbor and River, Buzzards Bay, Mass. | 345    | Port Blakely, Wash.                           | 6444   |
| Pocomoke River, Chesapeake Bay, Md.            | 1224   | Port Chatham, Alaska                          | 8554   |
| Pocomoke Sound, Chesapeake Bay, Va.            | 1223   | Port Chester, Alaska                          | 8074   |
| Pohoiki, T. H.                                 | 4115   | Port Chester and Harbor, N. Y.                | 270    |
| Point Adams, Oreg.                             | 6151   | Port Clarence, Alaska                         | 9385   |
| Point Ano Nuevo, Calif.                        | 5402   | Port Clyde, Me.                               | 312    |
| Point Arena, Calif.                            | 5502   | Port Conclusion, Alaska                       | 8262   |
| Point Arenas and Bank, P. R.                   | 917    | Port Crescent, Wash.                          | 6300   |
| Point Arguello, Calif.                         | 5202   | Port Cusam, British Columbia                  | 7002   |
| Point au Fer, Atchafalaya Bay, La.             | 199    | Port Discovery, Wash.                         | 6403   |
| Point aux Herbes, Lake Pontchartrain, La.      | 1269   | Port Essington, British Columbia              | 7002   |
| Point Avisadero, Calif.                        | 5532   | Port Frederick, Alaska                        | 8304   |
| Point Borinquen, P. R.                         | 901    | Port Gamble, Wash.                            | 6412   |
| Point Breeze, Schuylkill River, Pa.            | 381    | Port Graham, Alaska                           | 8589   |
| Point Brown, Wash.                             | 6195   | Port Irving, British Columbia                 | 7002   |
| Point Buchon, Calif.                           | 5302   | Port Jefferson and Harbor, Long Island, N. Y. | 3614   |
| Point Cabrillo, Calif.                         | 5703   | Port Johnson, Alaska                          | 8076   |
| Point Chehalis, Wash.                          | 6195   | Port Kenyon, Calif.                           | 5819   |
| Point Conception, Calif.                       | 5202   | Port Lavaca, Lavaca Bay, Tex.                 | 207    |
| Point Cypress, Calif.                          | 5476   | Port Los Angeles, Calif.                      | 5144   |
| Point Delgada, Calif.                          | 5773   | Port Ludlow, Wash.                            | 6450   |
| Point Dume, Calif.                             | 5202   | Port McArthur, Alaska                         | 8179   |
| Point Ellice, Wash.                            | 6151   | Port Madison, Wash.                           | 6443   |
| Point Esteros, Calif.                          | 5302   | Port Morris, East River, N. Y.                | 274    |
| Point Fermin, Calif.                           | 5145   | Port Mulas and Point, P. R.                   | 916    |
| Point Figuras, P. R.                           | 920    | Port O'Connor, Matagorda Bay, Tex.            | 207    |
| Point Gammon, Hyannis Harbor, Mass.            | 247    | Port Orange, Fla.                             | 160    |
| Point Gorda, Calif.                            | 5795   | Port Orchard, Wash.                           | 6440   |
| Point Guaniquilla, P. R.                       | 932    | Port Oxford, Oreg.                            | 5952   |
| Point Isabel, Calif.                           | 5532   | Port Ponce, P. R.                             | 927    |
| Point Isabel, Laguna Madre, Tex.               | 212    | Port Protection, Alaska                       | 8174   |
| Point Jiguero, P. R.                           | 901    | Port Richmond, Staten Island, N. Y.           | 544    |
| Point Judith Harbor of Refuge, R. I.           | 276    | Port Royal Sound, S. C.                       | 437    |
| Point Judith Pond, R. I.                       | 113    | Port Royal, Va.                               | 536    |
| Point Lepreau, New Brunswick                   | 1000   | Port Safety, Alaska                           | 9381   |
| Point Lobos, Calif.                            | 5532   | Port San Juan, British Columbia               | 6300   |
| Point Loma, Calif.                             | 5107   | Port Simson, British Columbia                 | 7002   |
| Point Lookout, Potomac River, Md.              | 557    | Port Snettisham, Alaska                       | 8227   |
| Point Manly, Alaska                            | 8455   | Port Susan, Wash.                             | 6450   |
| Point Medonos, Calif.                          | 5102   | Port Tobacco River, Potomac River, Md.        | 559    |
| Point Morrillos, P. R.                         | 903    | Port Tobago Bay, Rappahannock River, Va.      | 536    |
| Point Mulas, P. R.                             | 916    | Port Tongass, Alaska                          | 8074   |



|  | Chart.    |
|--|-----------|
| Port Tortuguero and Lake, P. R.....                | 903       |
| Port Townsend, Wash.....                           | 6405      |
| Port Washington, Manhasset Bay, N. Y.....          | 1213      |
| Port Wrangell, Alaska.....                         | 8851      |
| Port Yabueoa and River, P. R.....                  | 918       |
| Portage Bay, Alaska.....                           | 8210      |
| Portage Head, Wash.....                            | 6265      |
| Portland, and Canal, Alaska.....                   | 8051      |
| Portland, Conn.....                                | 255       |
| Portland, Me.....                                  | 325       |
| Portland, Oreg.....                                | 6154      |
| Porto Rico.....                                    | 920       |
| Portsmouth Harbor, Me. and N. H.....               | 0329      |
| Portsmouth Island, N. C.....                       | 1231      |
| Portsmouth, Va.....                                | 400       |
| Portuguese Bend, Calif.....                        | 5143      |
| Possession Sound, Wash.....                        | 6450      |
| Potomac River, Entrance, Va. and Md.....           | 557       |
| Potowomut River and Neck, Greenwich Bay, R. I..... | 353       |
| Potts Harbor, Casco Bay, Me.....                   | 315       |
| Poughkeepsie, Hudson River, N. Y.....              | 283       |
| Preble Point, Kennebec River, Me.....              | 314       |
| President Roads, Boston Harbor, Mass.....          | 246       |
| Presumpscot River, Casco Bay, Me.....              | 315       |
| Pretty Marsh Harbor, Mt. Desert Island, Me.....    | 307       |
| Pribilof Island, Alaska.....                       | 8996-8995 |
| Price Inlet, and Creek, S. C.....                  | 153       |
| Prince of Wales Island, Alaska.....                | 8100-8152 |
| Prince William Sound, Alaska.....                  | 8550      |
| Princess Bay, Raritan Bay, N. Y.....               | 369       |
| Prisoners Harbor, Calif.....                       | 5126      |
| Prospect Harbor, Me.....                           | 305       |
| Prospect, Oreg.....                                | 5802      |
| Protection Island, Wash.....                       | 6403      |
| Prout Neck, Saco Bay, Me.....                      | 1205      |
| Providence Harbor, R. I.....                       | 352       |
| Providence River, R. I.....                        | 278       |
| Provincetown, and Harbor, Mass.....                | 341       |
| Prudence Island, R. I.....                         | 353       |
| Puako Bay, T. H.....                               | 4115      |
| Pucokaki Bay, T. H.....                            | 4116      |
| Pueblo Viejo Bay, P. R.....                        | 908       |
| Pueo Point, T. H.....                              | 4117      |
| Puerto de Tierra, P. R.....                        | 908       |
| Puget Sound, Wash.....                             | 6450-6460 |
| Puhilele Point, T. H.....                          | 4116      |
| Pukaulua Point, T. H.....                          | 4116      |
| Pukoo, and Harbor, T. H.....                       | 4116      |
| Pulpit Harbor, North Haven Island, Me.....         | 310       |
| Punalun, and Harbor, T. H.....                     | 4115      |
| Pungo River and Creek, N. C.....                   | 1231      |
| Pungoteague Creek, Chesapeake Bay, Va.....         | 1223      |
| Punta Gorda, Calif.....                            | 5502      |
| Punta Gorda, Charlotte Harbor, Fla.....            | 175       |
| Purlisima Point, Calif.....                        | 5302      |
| Pybus Bay, Alaska.....                             | 8218      |
| Pyramid Cave, Calif.....                           | 5126      |

## Q.

|   |      |
|---|------|
| Quaco Head, New Brunswick.....                  | 1000 |
| Quambang Cove, Fishers Island Sound, Conn.....  | 358  |
| Quamisset Harbor, Buzzards Bay, Mass.....       | 249  |
| Quantico Creek, Potomac River, Va.....          | 559  |
| Quantuck Bay, Long Island, N. Y.....            | 278  |
| Quarantine Island, T. H.....                    | 4109 |
| Queens Inlet, N. C.....                         | 150  |
| Queenstown, and Creek, Md.....                  | 548  |
| Quicks Hole, Buzzards Bay, Mass.....            | 345  |
| Quicksands, The, Fla.....                       | 1252 |
| Quimper Peninsula, Wash.....                    | 6450 |
| Quinault River, Wash.....                       | 6400 |
| Quincy Bay and Center, Boston Harbor, Mass..... | 246  |
| Quinnipiac River, New Haven Harbor, Conn.....   | 218  |
| Quoddy Roads, Me.....                           | 801  |
| Quohog Bay, Casco Bay, Me.....                  | 315  |
| Quonset Point, Narragansett Bay, R. I.....      | 357  |

## R.

|  | Chart.  |
|--|---------|
| Raccoon Island and Creek, Delaware River, N. J.....      | 295     |
| Raccoon Key, S. C.....                                   | 153     |
| Raccoon Strait, Calif.....                               | 5532    |
| Race Point and Rock, Fishers Island Sound, N. Y.....     | 358     |
| Race Point Cape, Mass.....                               | 341     |
| Race, The, Long Island Sound, N. Y.....                  | 1211    |
| Rackliffs Island, Me.....                                | 312     |
| Ragged Island, Penobscot Bay, Me.....                    | 225     |
| Ragged Point, Potomac River, Va.....                     | 558     |
| Rainear, Wash.....                                       | 6153    |
| Ram Island, Gardiners Bay, N. Y.....                     | 298     |
| Ramrod Key, Fla.....                                     | 168-169 |
| Rancocas River, N. J.....                                | 296     |
| Randall Island, East River, N. Y.....                    | 369*    |
| Randolph, Kennebec River, Me.....                        | 289     |
| Randolph, Oreg.....                                      | 5802    |
| Ranier, Oreg.....  | 6153    |
| Rappahannock River Mouth, Va.....                        | 534     |
| Raritan Bay, Hudson River, N. Y.....                     | 369     |
| Raritan River, N. J.....                                 | 375     |
| Ratones Islands and Reef, P. R.....                      | 909     |
| Ratz Harbor, Alaska.....                                 | 8124    |
| Raunt Channel, Jamaica Bay, N. Y.....                    | 512     |
| Ravenswood Point, Calif.....                             | 5531    |
| Raymond, Wash.....                                       | 6185    |
| Rebecca Shoal, Fla.....                                  | 1252    |
| Red Bay, Alaska.....                                     | 8168    |
| Red Bluff Bay, Alaska.....                               | 8212    |
| Red Brook Harbor, Buzzards Bay, Mass.....                | 251     |
| Red Hook Channel, New York Harbor, N. Y.....             | 541     |
| Red Rock, Calif.....                                     | 5532    |
| Redbank, Navesink River, N. J.....                       | 543     |
| Redding Rock, Calif.....                                 | 5702    |
| Redfish Bay, Alaska.....                                 | 8262    |
| Redondo Beach, Calif.....                                | 5144    |
| Redondo, Wash.....                                       | 6446    |
| Redwood, Calif.....                                      | 5531    |
| Reedy Island, Delaware River, Del.....                   | 294     |
| Rehoboth, and Bay, Del.....                              | 1219    |
| Requa, Calif.....  | 5702    |
| Resurrection Bay, Alaska.....                            | 8538    |
| Revere, Boston, Mass.....                                | 109     |
| Revillagigedo Channel, Alaska.....                       | 8100    |
| Rhode Island, R. I.....                                  | 353     |
| Richardson Bay, Calif.....                               | 5532    |
| Rich Inlet, N. C.....                                    | 150     |
| Richmond Beach, Wash.....                                | 6450    |
| Richmond, Calif.....                                     | 5532    |
| Richmond Island and Harbor, Me.....                      | 327     |
| Richmond, Kennebec River, Me.....                        | 288     |
| Richmond, Va.....  | 531     |
| Rickers Island, East River, N. Y.....                    | 273     |
| Riddleys Cove, Casco Bay, Me.....                        | 315     |
| Rigolets, La.....  | 1268    |
| Rincon Bay, P. R.....                                    | 902     |
| Rio Grande River, Tex.....                               | 212     |
| Ripley Neck, Me.....                                     | 305     |
| Riverhead, Peconic River, Long Island, N. Y.....         | 299     |
| Riverside, British Columbia.....                         | 7002    |
| Riverside, Potomac River, Md.....                        | 559     |
| Riverside, Providence River, R. I.....                   | 278     |
| Riverton, Oreg.....                                      | 5802    |
| Roanoke Island and Sound, N. C.....                      | 1229    |
| Roanoke River Mouths, N. C.....                          | 409     |
| Robbinston, Me.....                                      | 801     |
| Robin Hood Cove, Me.....                                 | 314     |
| Robins Island, Great Peconic Bay, Long Island, N. Y..... | 299     |
| Robinsons Cove, Johns Bay, Me.....                       | 313     |
| Robinsons Hole, Buzzards Bay, Mass.....                  | 345     |
| Roche Harbor, Wash.....                                  | 6381    |
| Rock de Dundy, River and Island, Daboy Sound, Ga.....    | 446     |
| Rock Hall, Md.....                                       | 548     |
| Rock Key, Key West Approaches, Fla.....                  | 584     |
| Rockaway Beach, Inlet and Point, N. Y.....               | 542     |
| Rockland, and Harbor, Me.....                            | 320     |
| Rockland Key, Fla.....                                   | 169     |
| Rockport and Harbor, Me.....                             | 321     |



|   | Chart.    |   | Chart.      |
|---|-----------|---|-------------|
| Rockport, Cape Anne, Mass.                              | 243       | St. Louis Bay, Miss.                            | 190         |
| Rocky Hill, Connecticut River, Conn.                    | 256       | St. Lucie River and Inlet, Fla.                 | 163         |
| Rocky Point, Calif.                                     | 5143-5702 | St. Marks River, Apalachee Bay, Fla.            | 181         |
| Rodeo, Calif.   | 5533      | St. Martins Reef, Fla.                          | 177-178     |
| Rodgers Island, Me.                                     | 304       | St. Marys Bay, Nova Scotia.                     | 11060       |
| Rodman Neck, East Chester Bay, Long Island Sound, N. Y. | 272       | St. Marys River and Entrance, Ga.               | 158         |
| Rodriguez Bank, P. R.                                   | 931       | St. Marys River, Potomac River, Md.             | 557         |
| Roe Island, Calif.                                      | 5534      | St. Matthew Island, Alaska.                     | 8851        |
| Rogers Island, Hudson River, N. Y.                      | 283       | St. Michael, Alaska.                            | 9375        |
| Rogue Island and Harbor, Me.                            | 304       | St. Paul Island, Alaska.                        | 8996        |
| Rogue River, Oreg.                                      | 5702      | St. Petersburg, Tampa Bay, Fla.                 | 177         |
| Rogue River Reef, Oreg.                                 | 5951      | St. Simon Island, Ga.                           | 157         |
| Romain River, S. C.                                     | 153       | St. Simon Sound, Ga.                            | 447         |
| Rondout, and Creek, Hudson River, N. Y.                 | 283       | St. Stephen, New Brunswick.                     | 801         |
| Rosario River, Calif.                                   | 5102      | St. Thomas Island and Harbor, West Indies.      | 933-904-920 |
| Rose Bay, Pamlico Bay, N. C.                            | 1231      | St. Vincent Island and Sound, Fla.              | 183         |
| Roseville, Calif.                                       | 5107      | Sakonnet River, Narragansett Bay, R. I.         | 353         |
| Ross Island, New Brunswick.                             | 101       | Salamato, Alaska.                               | 8553        |
| Round Island, Mississippi Sound, Miss.                  | 189       | Salem and Harbor, Mass.                         | 248         |
| Round Porcupine Island, Frenchman Bay, Me.              | 318       | Salem Cove and River, Delaware River, N. J.     | 294         |
| Rowley River, Plum Island, Mass.                        | 1206      | Salinas, and Landing, P. R.                     | 902         |
| Roxbury, Boston, Mass.                                  | 246       | Salinas River, Calif.                           | 5403        |
| Rumson Neck, Shrewsbury River, N. J.                    | 543       | Salisbury Beach, Mass.                          | 1206        |
| Rumstick Neck, Narragansett Bay, R. I.                  | 355       | Salisbury Sound, Alaska.                        | 8282        |
| Rutherford Island, Johns Bay, Me.                       | 313       | Salmon Bay, Wash.                               | 6445        |
| Rutman Creek, Pungo River, N. C.                        | 1231      | Salmon Falls River, Piscataqua River, Me.       | 229         |
| Rye Beach, N. H.  | 1206      | Salmon River, Connecticut River, Conn.          | 254         |
| Rye Neck, Long Island, N. Y.                            | 222       | Salt Point, Calif.                              | 5502        |
| Ryer Island, Calif.                                     | 5534      | Salters Island, Kennebec River, Me.             | 314         |
| <b>S.</b>   |           | Samoa, Calif.                                   | 5832        |
| Sabbath Day Harbor, Long Island, Me.                    | 310       | Sampit River, S. C.                             | 152         |
| Sabine Bank, Mississippi Sound, La. and Tex.            | 202-203   | San Antonio Bay, Tex.                           | 208         |
| Sabine City, Lake, Light and Pass, Tex.                 | 517       | San Bruno Mountain, Calif.                      | 5530        |
| Sabine-Neches Canal, Tex.                               | 517       | San Carlos Bay, Fla.                            | 473         |
| Sabine River, Tex.                                      | 203       | San Christoval Channel, Alaska.                 | 8157        |
| Sachem Head, Long Island, Sound, Conn.                  | 217       | San Clemente Island, Calif.                     | 5102        |
| Sachuest Beach Point Harbor and Neck, R. I.             | 353       | San Diego, and Bay, Calif.                      | 5107        |
| Saco, Bay and River, Me.                                | 1205      | San Francisco Bay and Harbor, Calif.            | 5530-5532   |
| Sacramento River, Entrance, Calif.                      | 5534      | San Jacinto, Bay and River, Galveston Bay, Tex. | 532         |
| Saddle Branch Keys, Fla.                                | 169       | San Joaquin River, Calif.                       | 5534        |
| Sag Harbor, N. Y.                                       | 298       | San Jose, Calif.                                | 5531        |
| Sagadahoc Bay, Kennebec River, Me.                      | 314       | San Juan Point, Harbor and Island, P. R.        | 908         |
| Sagamon Creek, Piscataqua River, N. H.                  | 0329      | San Juan Point, Calif.                          | 5102        |
| Sagamore Beach, Cape Cod Bay, Mass.                     | 1208      | San Leandro, Calif.                             | 5531        |
| Saginaw Bay, Alaska.                                    | 8214      | San Luis Obispo Bay, Calif.                     | 5386        |
| Sailors Snug Harbor, Staten Island, N. Y.               | 544       | San Luis Pass, Galveston Bay, Tex.              | 1281        |
| St. Andrews Bay, Point and Sound, Fla.                  | 184       | San Mateo, Calif.                               | 5531        |
| St. Andrews, New Brunswick.                             | 801       | San Miguel Passage and Island, Calif.           | 5202        |
| St. Andrews Sound, Ga.                                  | 448       | San Pablo Bay, Calif.                           | 5533        |
| St. Augustine, and Inlet, Fla.                          | 159       | San Pedro Bay, Calif.                           | 5145        |
| St. Catherine, Sound, Ga.                               | 443       | San Pedro Channel, Calif.                       | 5102        |
| St. Clement Bay, Potomac River, Md.                     | 557       | San Pedro, Harbor, Calif.                       | 5145        |
| St. Croix Island, West Indies.                          | 920       | San Quentin, Calif.                             | 5532        |
| St. Croix River, Me. and New Brunswick.                 | 801       | San Rafael, Calif.                              | 5533        |
| St. George Island, Alaska.                              | 8906      | San Simeon, Bay and Point, Calif.               | 5302        |
| St. George Reef, Calif.                                 | 5895      | Sand Key, Key West Approach, Fla.               | 584         |
| St. George River, Me.                                   | 312       | Sand Point, Alaska.                             | 8700        |
| St. George River, Potomac River, Md.                    | 557       | Sand Shoal Inlet, Chesapeake Bay, Va.           | 1222        |
| St. George Sound and Island, Fla.                       | 182-183   | Sands Point, Long Island, N. Y.                 | 272         |
| St. Helens, Oreg.                                       | 6153      | Sandwich Harbor, Cape Cod Bay, Mass.            | 1208        |
| St. Helens Sound, S. C.                                 | 436       | Sandy Bay, Cape Ann, Mass.                      | 243         |
| St. James Island, Fla.                                  | 182       | Sandy Cove, Alaska.                             | 8851        |
| St. John, New Brunswick.                                | 1000      | Sandy Hook and Bay, N. J.                       | 369         |
| St. Johns Harbor, Alaska.                               | 8154      | Sandy Neck, Barnstable Harbor, Mass.            | 339         |
| St. Johns Island, Virginia Islands.                     | 920       | Sandy Point, Block Island, R. I.                | 1211        |
| St. Johns, Oreg.  | 6154      | Sanibel Island, San Carlos Bay, Fla.            | 175         |
| St. Johns River, Del.                                   | 1218      | Sannak Island, Alaska.                          | 8841        |
| St. Johns River entrance to Jacksonville, Fla.          | 577       | Santa Ana, Calif.                               | 5102        |
| St. Johns River, Hibernia to Racy Point, Fla.           | 455c      | Santa Barbara and Point, Calif.                 | 5261        |
| St. Johns River, Jacksonville to Hibernia, Fla.         | 455b      | Santa Barbara Channel and Island, Calif.        | 5202        |
| St. Johns River, Lake George to Lake Harney, Fla.       | 509       | Santa Barbara Island, Calif.                    | 5102        |
| St. Johns River, Lake Monroe to Lake Washington, Fla.   | 458       | Santa Catalina Island, Calif.                   | 5102        |
| St. Johns River, Palatka to Lake George, Fla.           | 508       | Santa Clara, Calif.                             | 5531        |
| St. Johns River, Toccoi to San Mateo, Fla.              | 455d      | Santa Clara River, Calif.                       | 5202        |
| St. Johns Sound, Fla.                                   | 177-178   | Santa Cruz, and Harbor, Calif.                  | 5403        |
| St. Joseph Bay and Point, Fla.                          | 184       | Santa Cruz Island and Channel, Calif.           | 5202        |
| St. Josephs Island, Tex.                                | 209       | Santa Monica, and Bay, Calif.                   | 5144        |
|   |           | Santa Rosa Island, Calif.                       | 5202        |

|  | Chart. |  | Chart. |
|--|--------|--|--------|
| Santa Rosa Island, Sound and Narrows, Fla.           | 186    | Seward Neck, Me.                             | 801    |
| Santee Point, S. C.                                  | 153    | Sewee Bay, S. C.                             | 153    |
| Santurce, P. R.                                      | 908    | Sewommock Neck, Mt. Hope Bay, R. I.          | 353    |
| Sapelo Island, Ga.                                   | 156    | Seymour Canal, Alaska.                       | 8228   |
| Sapelo River, and Sound, Ga.                         | 444    | Shackford Head, Moose Island, Me.            | 801    |
| Saquis Neck, Plymouth Bay, Mass.                     | 245    | Shackleford Banks, N. C.                     | 421    |
| Sarasota Bay, Point, Key and Pass, Fla.              | 176    | Shadyside, Hudson River, N. J.               | 369*   |
| Saratoga Passage, Wash.                              | 6450   | Shakan Post Office and Strait, Alaska.       | 8176   |
| Sargentville, Me.                                    | 309    | Shallotte River and Inlet, N. C.             | 150    |
| Sassafras River, Chesapeake Bay, Md.                 | 1226   | Shark River and Point, Fla.                  | 172    |
| Sassamon River, Kennebec River, Me.                  | 315a   | Shaws Cove, New London Harbor, Conn.         | 293    |
| Satilla River, Entrance, St. Andrews Sound, Ga.      | 448    | Shearwater Bay, Alaska.                      | 8822   |
| Satilla River, Ga.                                   | 450    | Sheep Island, West Penobscot Bay, Me.        | 320    |
| Saugatuck, and River, Conn.                          | 221    | Sheepscot Bay, Me.                           | 314    |
| Saugerties, Hudson River, N. Y.                      | 283    | Sheephead Bay, N. Y.                         | 542    |
| Sausalita, Calif.                                    | 5532   | Sheffield Island, Long Island Sound, Conn.   | 221    |
| Savannah, and River, Ga.                             | 440    | Shelburne, Nova Scotia.                      | 1000   |
| Sawpit Creek, Nassau Sound, Fla.                     | 577    | Shelikof Strait, Alaska.                     | 8555   |
| Sawyers Island, Sheepscot River, Me.                 | 315a   | Shelter Cove, Calif.                         | 5773   |
| Saybrook, and Point, Connecticut River, Conn.        | 215    | Shelter Island and Sound, N. Y.              | 298    |
| Sayreville, Raritan River, N. J.                     | 375    | Shelton, Housatonic River, Conn.             | 1212   |
| Sayville, Long Island, N. Y.                         | 578    | Shelton, Wash.                               | 6160   |
| Seabby Islands, Me.                                  | 303    | Sherman Cove, West Penobscot Bay, Me.        | 310    |
| Scarbora Beach and River, Me.                        | 1205   | Shinnecock Bay, Long Island, N. Y.           | 578    |
| Schodack, and Island, Hudson River, N. Y.            | 284    | Ship Island, Mississippi Sound, Miss.        | 190    |
| Schoodic Island, Harbor, Peninsula and Point, Me.    | 305    | Ship Shoal Inlet, Chesapeake Bay, Va.        | 1222   |
| Schuykill River, Pa.                                 | 295    | Shippan Point, Stamford Harbor, Conn.        | 222    |
| Scituate, and Harbor, Mass.                          | 109    | Shooters Island, Newark Bay, N. Y.           | 544    |
| Scituate Neck, Mass.                                 | 242    | Shopper Island, Me.                          | 304    |
| Scouticut Neck, Buzzards Bay, Mass.                  | 252    | Shrewsbury River, N. J.                      | 543    |
| Scorton Neck, Cape Cod Bay, Mass.                    | 1208   | Shumagin Islands, Alaska.                    | 8700   |
| Scott Head, Campobello Island, New Brunswick.        | 801    | Sidbury Inlet, N. C.                         | 150    |
| Scroggy Neck, Buzzards Bay, Mass.                    | 251    | Siletz Bay and River, Oreg.                  | 6000a  |
| Scuppernong River, Albermarle Sound, N. C.           | 1228   | Simeonof Harbor, Alaska.                     | 8881   |
| Sea Cliff, Hempstead Harbor, Long Island, N. Y.      | 366    | Simmons Island, Calif.                       | 5334   |
| Seabright, N. J.                                     | 543    | Simpson Island, New Brunswick.               | 801    |
| Seabrook Island, S. C.                               | 154    | Sinclair Inlet, Wash.                        | 6440   |
| Sea Horse and Kay, Cedar Keys, Fla.                  | 480    | Sinepuxent Bay, Md.                          | 1220   |
| Sea Island City, N. J.                               | 1217   | Singleton Swash, S. C.                       | 151    |
| Seagirt, N. J.                                       | 1216   | Sippican Harbor and Bay, Buzzards Bay, Mass. | 251    |
| Seakonk River, Providence River, R. I.               | 278    | Sir Francis Duke Channel, Virgin Islands.    | 920    |
| Seal Bay, Vinalhaven, Me.                            | 309    | Sisters Rocks, Oreg.                         | 5951   |
| Seal Cove, Alaska.                                   | 8084   | Sitka, and Harbor, Alaska.                   | 8244   |
| Seal Cove, Blue Hill Bay, Me.                        | 307    | Sitka Sound, Alaska.                         | 8281   |
| Seal Cove, Cape Elizabeth, Me.                       | 327    | Siuslaw River, Oreg.                         | 6023   |
| Seal Cove Pond, Mt. Desert Island, Me.               | 307    | Sixes River, Oreg.                           | 5952   |
| Seal Harbor, Long Island, Me.                        | 310    | Six Mile Reef, Long Island Sound, Conn.      | 1212   |
| Seal Harbor, Muscle Ridge Channel, Me.               | 312    | Skagway, Alaska.                             | 8303   |
| Seal Island, Nova Scotia.                            | 1000   | Skidegate (post office), British Columbia.   | 7002   |
| Seal Island Penobscot Bay, Me.                       | 225    | Skilling River, Me.                          | 306    |
| Sealand, Wash.                                       | 6185   | Skokomish, Wash.                             | 6460   |
| Sears Island, Stockton Harbor, Me.                   | 311    | Skull Creek, Port Royal Sound, S. C.         | 155    |
| Searsport, and Harbor, Me.                           | 311    | Slocum Creek, Neuse River, N. C.             | 538    |
| Seaside, Calif.                                      | 5403   | Slocum Inlet, Alaska.                        | 8229   |
| Seaside, Oreg.                                       | 6100   | Slocum Neck, Buzzards Bay, Mass.             | 113    |
| Seattle, and Harbor, Wash.                           | 6445   | Small Point Harbor, Coos Bay, Me.            | 315    |
| Seaview, Wash.                                       | 6100   | Smith Cove, Castine Harbor, Me.              | 311    |
| Seavys Island, Piscataqua River, Me.                 | 0329   | Smith Island and Point, Chesapeake Bay, Va.  | 1224   |
| Sebascodegan Island, Casco Bay, Me.                  | 315    | Smith Island, Cape Fear, N. C.               | 424    |
| Security Bay, Alaska.                                | 8214   | Smith Island, Chesapeake Bay, Va.            | 1222   |
| Sedgwick, Me.  | 309    | Smith River, Calif.                          | 5895   |
| Seekonk, River, R. I.                                | 278    | Smith Shoal, Fla.                            | 169    |
| Seguam Pass, Alaska.                                 | 8802   | Smithtown Bay, Long Island, N. Y.            | 1213   |
| Seguin Island, Sheepscot Bay, Me.                    | 314    | Smyrna River, Delaware River, Del.           | 294    |
| Seguin Passage, Me.                                  | 304    | Snittsbam Post Office and Port, Alaska.      | 8227   |
| Seldovia, and Bay, Alaska.                           | 8589   | Soberanes Point, Calif.                      | 5476   |
| Semiamoo, and Bay, Wash.                             | 6399   | Solomon (post office), Alaska.               | 9380   |
| Semidi Islands, Alaska.                              | 8881   | Solomons Island, Patuxent River, Md.         | 559    |
| Seminole Point, Fla.                                 | 173    | Sombrero Key, Fla.                           | 168    |
| Sengekontacket Pond, Marthas Vineyard, Mass.         | 346    | Somes Sounds, Me.                            | 306    |
| Sergius Narrows, Alaska.                             | 8282   | Somerville, Boston, Mass.                    | 248    |
| Setauket, and Harbor, Port Jefferson Harbor, N. Y.   | 3614   | Somesville, Me.                              | 306    |
| Seven Hundred Acre Island, West Penobscot Bay, Mass. | 310    | Soquel Cove, Calif.                          | 5403   |
| Seven Miles Beach, N. J.                             | 1217   | Sorrento, and Harbor, Me.                    | 306    |
| Seyern River, Md.                                    | 1220   | South Amboy, Raritan Bay, N. J.              | 375    |
| Seyern River, Mobjack Bay, Va.                       | 494    | South Amelia River, Nassau Sound, Fla.       | 577    |
| Sewall Point, Va.                                    | 400    | South Bay, Bagaduce River, Me.               | 311    |
| Seward, Alaska.                                      | 8538   | South Bay, Boston Harbor, Mass.              | 248    |



|   | Chart.           |   | Chart. |
|---|------------------|---|--------|
| South Bay, Calif.....                                   | 5532             | Stone Island, Me.....                                   | 303    |
| South Bay, Me.....                                      | 801              | Stonington, and Harbor, Fishers Island Sound, Conn..... | 358    |
| South Bend, Wash.....                                   | 6185             | Stonington Landing, Deer Island, Me.....                | 309    |
| South Boston, Mass.....                                 | 248              | Stono River and Inlet, S. C.....                        | 154    |
| South Brother Island, East River, N. Y.....             | 273              | Story River, Trenchard Inlet, S. C.....                 | 155    |
| South Creek, Pamlico River, N. C.....                   | 537              | Strait of Juan de Fuca, Wash.....                       | 6300   |
| South Dartmouth, Apponaganset River, Mass.....          | 252              | Straits, The, Connecticut River, Conn.....              | 255    |
| South Edisto River, S. C.....                           | 154              | Straits, The, Cove Sound, N. C.....                     | 421    |
| South Farms, Connecticut River, Conn.....               | 255              | Stratford Point, Housatonie River, Conn.....            | 219    |
| South Island, Winyah Bay Entrance, S. C.....            | 152              | Stratten Island, Saco Bay, Me.....                      | 1205   |
| South Jupiter Narrows, Fla.....                         | 163              | Strawberry Point, Buzzards Bay, Mass.....               | 251    |
| South Melrose, N. Y.....                                | 274              | Strong's Neck, Port Jefferson Harbor, N. Y.....         | 3614   |
| South Neck Buzzards Bay, Mass.....                      | 252              | Stump Pass, Lemon Bay, Fla.....                         | 17     |
| South Newport River, Sapelo Sound, Ga.....              | 156              | Stump Sound, N. C.....                                  | 148    |
| South Norwalk, Conn.....                                | 220              | Stuyvesant, Hudson River, N. Y.....                     | 284    |
| South River and Canal, Raritan River, N. J.....         | 375              | Suffolk, Nansemond River, Va.....                       | 529    |
| South River, Chesapeake Bay, Md.....                    | 1225             | Sugar Loaf Key, Fla.....                                | 169    |
| South River, Doboy Sound, Ga.....                       | 440              | Suislaw River, Oreg.....                                | 6022   |
| South River, Neuse River, N. C.....                     | 1231-1233        | Suisun Bay and Point, Calif.....                        | 5534   |
| South San Diego, Calif.....                             | 5107             | Sukkwai, Alaska.....                                    | 8151   |
| South Santee River, S. C.....                           | 153              | Sullivan, and Harbor, Me.....                           | 306    |
| South Thomaston, Me.....                                | 310              | Sullivans Island, S. C.....                             | 431    |
| South West Cay, P. R.....                               | 915              | Sulzer (post office), Alaska.....                       | 8152   |
| South West Head, Grand Manan Island, New Brunswick..... | 101              | Sumas, British Columbia.....                            | 7002   |
| Southampton, Calif.....                                 | 5532             | Sumdum (post office), Alaska.....                       | 8200   |
| Southampton, Long Island, N. Y.....                     | 1214             | Summerland, Calif.....                                  | 5202   |
| Southeast Anchorage, Calif.....                         | 5126             | Summerland Keys, Fla.....                               | 169    |
| Southeast Harbor, Deer Isle, Me.....                    | 309              | Sumner Strait, Alaska.....                              | 8200   |
| Southeast Harbor, Gloucester Harbor, Mass.....          | 213              | Sunrise, Alaska.....                                    | 8553   |
| Southern Harbor, North Haven Island, Me.....            | 311a             | Sunset Beach, Calif.....                                | 5102   |
| Southport, Conn.....                                    | 220              | Sunset, Deer Island, Me.....                            | 309    |
| Southport, N. C.....                                    | 424              | Suquamish, Wash.....                                    | 6443   |
| Southport Island, Sheepscot River, Me.....              | 314              | Surf, Calif.....  | 5302   |
| Southwest Anchorage, Alaska.....                        | 9196             | Surprise Harbor, Alaska.....                            | 8242   |
| Southwest Harbor, Deer Isle, Me.....                    | 309              | Surry, Me.....  | 307    |
| Southwest Harbor, Mount Desert Island, Me.....          | 306              | Susquehanna River, Chesapeake Bay, Md.....              | 1226   |
| Southwest Road, St. Thomas Island, West Indies.....     | 904              | Sutton Island, Me.....                                  | 306    |
| Sow and Pigs Reef, Cuttyhunk, Mass.....                 | 113              | Suwanee River, Reef and Sound, Fla.....                 | 180    |
| Soxman, Alaska.....                                     | 8094             | Suworof, Alaska.....                                    | 8802   |
| Spanish River, Mobile Bay, Ala.....                     | 188              | Svichnikof Harbor, Alaska.....                          | 9196   |
| Spectacle Island, Boston Harbor, Mass.....              | 248              | Swampscot, Nahant Bay, Mass.....                        | 109    |
| Spilaway Island, Vernon River, Ga.....                  | 440              | Swan Island, Blue Hill Bay, Me.....                     | 308    |
| Spragues Neck, Machias Bay, Me.....                     | 303              | Swan Island, Kennebec River, Me.....                    | 2-8    |
| Springlake, N. J.....                                   | 1216             | Swanquarter Bay, Pamlico Sound, N. C.....               | 1231   |
| Spruce Creek, Piscataqua River, Me.....                 | 1206             | Swansboro, N. C.....                                    | 1234   |
| Spruce Island, New Brunswick.....                       | 801              | Swanson Harbor, Alaska.....                             | 8302   |
| Spruce Point, Boothbay, Me.....                         | 314              | Swash Channel, New York Harbor, N. Y.....               | 369    |
| Spruce Point, St. Croix River, New Brunswick.....       | 801              | Sweets Island, Sheepscot River, Me.....                 | 315e   |
| Sprucehead Island, Muscle Ridge Channel, Me.....        | 312              | Symonds Bay, Alaska.....                                | 8237   |
| Spurwink River, Me.....                                 | 1205             |   |        |
| Spuyten Duyvil Creek, N. Y.....                         | 274              |   |        |
| Squantum, Boston Harbor, Mass.....                      | 246              |   |        |
| Squire Point, Roque Island, Me.....                     | 304              |   |        |
| Squirrel Island, Boothbay, Me.....                      | 314              |   |        |
| Staatsburg, Hudson River, N. Y.....                     | 2-3              |   |        |
| Stamford, and Harbor, Conn.....                         | 222              |   |        |
| Stand in Point, North Haven Island, Me.....             | 310              |   |        |
| Stapleton, Staten Island, N. Y.....                     | 544              |   |        |
| Starboard Island, Me.....                               | 303              |   |        |
| Star Reef, Fla.....                                     | 166              |   |        |
| Staten Island, N. Y.....                                | 369              |   |        |
| Statue of Liberty, New York Harbor, N. Y.....           | 369 <sup>d</sup> |   |        |
| Steve Island and Harbor, Me.....                        | 306              |   |        |
| Steamer Bay, Alaska.....                                | 8154             |   |        |
| Steamer Channel, Oreg.....                              | 5952             |   |        |
| Steels Harbor, Island, Me.....                          | 305              |   |        |
| Steillacoom, Wash.....                                  | 6400             |   |        |
| Steinhatchee River, Deadmans Bay, Fla.....              | 180              |   |        |
| Stellwagen Beach and Ledge, Mass.....                   | 109              |   |        |
| Stempsons Island, Fox Island Thoroughfare, Me.....      | 311a             |   |        |
| Stephens Passage, Alaska.....                           | 8300             |   |        |
| Steuben Harbor, Me.....                                 | 305              |   |        |
| Stewart, Alaska.....                                    | 8051             |   |        |
| Stingray Point, Chesapeake Bay, Va.....                 | 534              |   |        |
| Stinsons Point, Deer Island, Me.....                    | 309              |   |        |
| Stock Island, Fla.....                                  | 169              |   |        |
| Stockton Springs, and Harbor, Me.....                   | 311              |   |        |
| Stone House Shoal, Monomoy Shoals, Mass.....            | 250              |   |        |
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|   | Chart. |   | Chart.    |    | Chart. |
|---|--------|---|-----------|----|--------|
| Teakettle Creek, Doboy Sound, Ga.           | 156    | Turtle Head Cove, Penobscot River, Me.        | 311       |    |        |
| Telegraph Point, Kennebec River, Me.        | 314    | Turtle Island, Frenchman Bay, Me.             | 317       |    |        |
| Tenakco (post office), Alaska.              | 8250   | Turtle Island, Savannah River, Ga.            | 440       |    |        |
| Tenants Harbor, Me.                         | 312    | Turtle River, St. Simon Sound, Ga.            | 447       |    |        |
| Tenmile Creek, Oreg.                        | 5802   | Turtle Rocks, Reef and Harbor, Fla.           | 166       |    |        |
| Tennessee Reef, Fla.                        | 168    | Tuxekan, Alaska.                              | 8152      |    |        |
| Terraccia Bay and Island, Fla.              | 477    | Twin Lakes, Calif.                            | 5403      |    |        |
| Terrebonne Bay, La.                         | 197    | Two Bush Channel, Me.                         | 312       |    |        |
| Texas City, Galveston Bay, Tex.             | 204    | Tybee River, Island and Roads, Ga.            | 440       |    |        |
| Thacker Island, Cape Ann, Mass.             | 243    | Tyonek, Alaska.                               | 8553      |    |        |
| Thames River, Conn.                         | 359    |   |           | U. |        |
| The Carrallon Island, Calif.                | 5502   | Uaoa Bay, T. H.                               | 411       |    |        |
| The Hammock, P. R.                          | 927    | Uganik, Alaska.                               | 8555      |    |        |
| The Heads, Oreg.                            | 5952   | Ugashik, Alaska.                              | 8802      |    |        |
| Thimble Shoal, Chesapeake Bay, Va.          | 400    | Ukula Point, T. H.                            | 4117      |    |        |
| Thimbles, The, Long Island Sound, Conn.     | 217    | Ulloa Channel, Alaska.                        | 8155      |    |        |
| Thomas Bay, Alaska.                         | 8210   | Ulupan Head, T. H.                            | 4116      |    |        |
| Thomas Point, Chesapeake Bay, Md.           | 1225   | Umatilla Reef, Wash.                          | 6265      |    |        |
| Thomaston, Me.                              | 312    | Umpqua River, Oreg.                           | 6003      |    |        |
| Thompsons Island, Boston Harbor, Mass.      | 246    | Unalaska, and Bay, Alaska.                    | 9007      |    |        |
| Thompsons Island, Me.                       | 312    | Unalaska Island, Alaska.                      | 8860-9102 |    |        |
| Thrac of Life, Johns Bay, Me.               | 313    | Unga, Cape, Island, Reef and Strait, Alaska.  | 8700      |    |        |
| Three Mile Harbor, Gardiners Bay, N. Y.     | 298    | Unimak Pass, Alaska.                          | 8860      |    |        |
| Throgs Neck, Long Island Sound, N. Y.       | 273    | Union Bay, Alaska.                            | 8124      |    |        |
| Tiana Bay, Shinnecock Bay, N. Y.            | 278    | Union Bay, Wash.                              | 6446      |    |        |
| Tiger Shoal, La.                            | 200    | Union River Bay, Me.                          | 307       |    |        |
| Tilghmans Island, Chesapeake Bay, Md.       | 1225   | Union River, Me.                              | 307       |    |        |
| Tillamook Bay, Oreg.                        | 6112   | Unionport, N. Y.                              | 273       |    |        |
| Timbalier Island, Bay and Pass, Fla.        | 197    | Upolu Point, T. H.                            | 4115      |    |        |
| Tinicum Island, Delaware River, Pa.         | 295    | Upper Green Point, New Brunswick.             | 801       |    |        |
| Tinkers Island, Blue Hill Bay, Me.          | 307    | Upper Matecumbe Bay and Key, Fla.             | 167       |    |        |
| Titusville, Indian River, Fla.              | 161    | Urbanna Creek, Rappahannock River, Va.        | 535       |    |        |
| Tiverton, Sakonnet River, R. I.             | 353    | Uyak, Anchorage, Bay, and Island, Alaska.     | 8822      |    |        |
| Tlevak Narrows, Alaska.                     | 8153   |   |           | V. |        |
| Tlevak Strait, Alaska.                      | 8151   | Valdez, Arm and Port, Alaska.                 | 8519      |    |        |
| Toandos Peninsula, Wash.                    | 6450   | Vallejo, Calif.                               | 5533      |    |        |
| Tobys Island, Buzzards Bay, Mass.           | 251    | Valona, Calif.                                | 5534      |    |        |
| Tocoi, St. Johns River, Fla.                | 455c   | Vancouver, British Columbia.                  | 6300      |    |        |
| Todd Bay, Kennebec River, Me.               | 314    | Vancouver, Wash.                              | 6146-6154 |    |        |
| Tokland, Wash.                              | 6185   | Van Sickle Island, Calif.                     | 5534      |    |        |
| Toledo, Oreg.                               | 6058   | Venice, Fla.                                  | 176       |    |        |
| Tolstoi Bay, Alaska.                        | 8124   | Ventura, and River, Calif.                    | 5202      |    |        |
| Tomales Bay and Point, Calif.               | 5618   | Ventura Rocks, Calif.                         | 5476      |    |        |
| Tompkinsville, Staten Island, N. Y.         | 544    | Vermilion Bay, La.                            | 200       |    |        |
| Toms River, N. J.                           | 1216   | Vernon River, Ossabaw Sound, Ga.              | 156       |    |        |
| Tongass Narrows, Alaska.                    | 8094   | Verplanck, Hudson River, N. Y.                | 282       |    |        |
| Tonka, Alaska.                              | 8170   | Victoria, British Columbia.                   | 6300      |    |        |
| Topsail Island, N. C.                       | 148    | Vieques Sound and Island, P. R.               | 917-904   |    |        |
| Torch Key, Fla.                             | 168    | Village, Alaska.                              | 8553      |    |        |
| Tortola Island, Virgin Islands.             | 920    | Vinal Island, Me.                             | 311a      |    |        |
| Tortugas Harbor and Approaches, Fla.        | 471a   | Vinalhaven, Me.                               | 310       |    |        |
| Totuskey Creek, Va.                         | 535    | Vineyard Haven, Marthas Vineyard, Mass.       | 347       |    |        |
| Town River Bay, Weymouth, Fore River, Mass. | 246    | Vineyard Sound, Mass.                         | 112       |    |        |
| Townsend Gut, Boothbay, Me.                 | 315a   | Virgin Gorda Island, Virgin Islands.          | 920       |    |        |
| Townsend Inlet, N. J.                       | 1217   | Virgin Passage and Islands.                   | 904-920   |    |        |
| Tracyton, Wash.                             | 6444   | Virginia Beach, Va.                           | 1222      |    |        |
| Trafton Island, Me.                         | 305    |   |           | W. |        |
| Treadwell (post office), Alaska.            | 8235   | Waaddah Island, Wash.                         | 6300      |    |        |
| Tremont, N. Y.                              | 273    | Waatch Point, Wash.                           | 6265      |    |        |
| Trenchards Inlet, S. C.                     | 571    | Waccamaw River, S. C.                         | 152       |    |        |
| Trent River, Neuse River, N. C.             | 538    | Waccasassa River, Point, Bay, and Reefs, Fla. | 179       |    |        |
| Trenton, N. J.                              | 296    | Wachapreague Inlet, Va.                       | 1221      |    |        |
| Trespalacios Bay, Matagorda Bay, Tex.       | 207    | Wadmelaw Island and River, S. C.              | 154       |    |        |
| Trinidad Harbor and Head, Calif.            | 5846   | Wahapu Point, T. H.                           | 4116      |    |        |
| Trinity River, Galveston Bay, Tex.          | 204    | Waiakea, and Light, T. H.                     | 4103      |    |        |
| Trinity Shoal, La.                          | 200    | Waialua, and Bay, T. H.                       | 4116      |    |        |
| Triumph Reef, Fla.                          | 166    | Waiauae, T. H.                                | 4116      |    |        |
| Troy, Hudson River, N. Y.                   | 284    | Waielee, T. H.                                | 4116      |    |        |
| Truro, Cape Cod, Mass.                      | 340    | Wailuku, T. H.                                | 4105      |    |        |
| Tubbs Inlet, S. C.                          | 151    | Waimea, and River, T. H.                      | 4117      |    |        |
| Tubbs Island, Calif.                        | 5533   | Waimea Bay, T. H.                             | 4116      |    |        |
| Tucker Island and Beach, N. J.              | 1216   | Wainiha, and Bay, T. H.                       | 4117      |    |        |
| Tuckernuck Island and Bank, Mass.           | 1209   | Waiohinu, T. H.                               | 4115      |    |        |
| Tuckerton, N. J.                            | 1216   | Waipio Peninsula, T. H.                       | 4107      |    |        |
| Tulalip, Wash.                              | 6448   | Waldoboro, Medomak River, Me.                 | 313       |    |        |
| Tumwater, Wash.                             | 6462   | Waldport, Oreg.                               | 5802      |    |        |
| Turnagan Bay, Neuse River, N. C.            | 1231   | Wales, Alaska.                                | 930       |    |        |
| Turtle Bay, Galveston Bay, Tex.             | 204    |   |           |    |        |
| Turtle Gut Inlet, N. J.                     | 1217   |   |           |    |        |

|   | Chart.           |   | Chart.           |
|---|------------------|---|------------------|
| Wall Creek, Fla.....                                      | 179              | White Head Island, New Brunswick.....                 | 101              |
| Wallabout Bay, East River, N. Y.....                      | 369 <sup>a</sup> | White Islands, Penobscot Bay, Me.....                 | 310              |
| Wamphusuck Point, Stonington Harbor, Conn.....            | 358              | White Oak River, N. C.....                            | 1234             |
| Wando River, S. C.....                                    | 445              | White Point, Swash Inlet, S. C.....                   | 151              |
| Wards Island, East River, N. Y.....                       | 369 <sup>a</sup> | Whithead Passage, Casco Bay, Me.....                  | 325              |
| Ware River, Mobjack Bay, Va.....                          | 494              | Whitestone Narrows, Alaska.....                       | 8281             |
| Wareham, and River, Buzzards Bay, Mass.....               | 251              | Whitestone Point, Long Island, N. Y.....              | 273              |
| Warm Spring Bay, Alaska.....                              | 8243             | Whitewater Bay, Alaska.....                           | 8246             |
| Warren, and River, R. I.....                              | 355              | Whitmore Island, Penobscot River, Me.....             | 311              |
| Warren Neck, Mt. Hope Bay, R. I.....                      | 353              | Whitmore Neck, Deer Isle, Me.....                     | 309              |
| Warrens Cove, Plymouth Bay, Mass.....                     | 245              | Whitney Basin, Wallabout Bay, N. Y.....               | 369 <sup>a</sup> |
| Warrington, Ore.....                                      | 6151             | Wickford, and Harbor, R. I.....                       | 357              |
| Warrington, Pensacola Bay, Fla.....                       | 413              | Wicomico River, Chesapeake Bay, Md.....               | 1224             |
| Warwick, and Neck, Narragansett Bay, R. I.....            | 278              | Wicomico River, Potomac River, Md.....                | 558              |
| Warwick River, Va.....                                    | 529              | Wildwood, N. J.....                                   | 1217             |
| Washington Bay, Alaska.....                               | 8243             | Willamette River, Ore.....                            | 6154             |
| Washington, D. C.....                                     | 560              | Willapa and Bay, Wash.....                            | 6185             |
| Washington Harbor, Wash.....                              | 6403             | Willets Point, Long Island, N. Y.....                 | 273              |
| Washington, N. C.....                                     | 537              | William Henry Bay, Alaska.....                        | 8302             |
| Washington Park, Wash.....                                | 6185             | Williamsburg, Va.....                                 | 495              |
| Washington Sound, Wash.....                               | 6300             | Willoughby Bay, Spit, Bank, Va.....                   | 400              |
| Washington, South River, N. J.....                        | 375              | Wilmington, Calif.....                                | 5145             |
| Washougal, Wash.....                                      | 6146             | Wilmington Island and River, Wassaw Sound, Ga.....    | 440              |
| Watch Hill, and Point, R. I.....                          | 358              | Wilmington, N. C.....                                 | 425              |
| Waukeag Neck, Me.....                                     | 306              | Winchester, Ore.....                                  | 6003             |
| Wassaw Sound and Island, Ga.....                          | 440              | Windfall Harbor, Alaska.....                          | 8228             |
| Water Island, St. Thomas Island, West Indies.....         | 933              | Windham Bay, Alaska.....                              | 8218             |
| Watervliet, Hudson River, N. Y.....                       | 284              | Windmill Point, Campobello Island, New Brunswick..... | 801              |
| Wax Lake, Atchafalaya Bay, La.....                        | 199              | Windmill Point, Chesapeake Bay, Va.....               | 534              |
| Way Key, Fla.....   | 480              | Winnegance Bay, New Meadows River, Me.....            | 315              |
| Webbs Cove, Deer Island, Me.....                          | 309              | Winnegance, Kennebec River, Me.....                   | 314              |
| Wedderburn, Ore.....                                      | 5702             | Winslow, Wash.....                                    | 6444             |
| Weehawken, Hudson River, N. J.....                        | 369 <sup>a</sup> | Winter Harbor, Me.....                                | 317              |
| Weehawken Cove, N. J.....                                 | 369 <sup>a</sup> | Winter Harbor, Vinalhaven, Me.....                    | 309              |
| Wellington, British Columbia.....                         | 7002             | Winter Island, Calif.....                             | 5534             |
| Wells Beach, Me.....                                      | 1205             | Winterport, Penobscot River, Me.....                  | 311              |
| Wellfleet, and Harbor, Mass.....                          | 340              | Winthrop Center, and Beach, Boston, Mass.....         | 246              |
| Wenauet Neck, Buzzards Bay, Mass.....                     | 251              | Winyah Bay, S. C.....                                 | 428              |
| Wepawaug River, Long Island, Conn.....                    | 219              | Wiscasset, Sheepscot River, Me.....                   | 314              |
| Wequetequock River and Cove, Conn.....                    | 358              | Wishkah River, Wash.....                              | 6195             |
| West Anchor Cove, Alaska.....                             | 8841             | Withers, Swash Inlet, S. C.....                       | 151              |
| West Gouldsboro, Me.....                                  | 306              | Withlacoochee Bay, River and Reefs, Fla.....          | 179              |
| West Harbor, Fishers Island, N. Y.....                    | 353              | Woodski, Alaska.....                                  | 8160             |
| West Haven, New Haven, Conn.....                          | 218              | Woewodski Harbor, Alaska.....                         | 8216             |
| West Island, Buzzards Bay, Mass.....                      | 252              | Wolf Bay, Ala.....                                    | 187              |
| West Neck Harbor, Shelter Island, Long Island, N. Y.....  | 298              | Wolf Island, Ga.....                                  | 446              |
| West Palm Beach, Fla.....                                 | 164              | Wolf Neck, Casco Bay, Me.....                         | 315              |
| West Penobscot Bay, Me.....                               | 310              | Wolftrap Shoal, Chesapeake Bay, Va.....               | 494              |
| West Point, Hudson River, N. Y.....                       | 282              | Wollaston Heights and Park, Quincy, Mass.....         | 246              |
| West Point, York River, Va.....                           | 495              | Wood Island, New Brunswick.....                       | 101              |
| West Quoddy Head, Me.....                                 | 801              | Wood Hole, Mass.....                                  | 348              |
| West River, Chesapeake Bay, Md.....                       | 1225             | Wooden Ball Island, Penobscot Bay, Me.....            | 225              |
| West River, Me.....                                       | 304              | Woolvick, Kennebec River, Me.....                     | 314              |
| West River, New Haven, Conn.....                          | 218              | Wrangell, and Harbor, Alaska.....                     | 8154             |
| Westbrook, and Harbor, Long Island Sound, Conn.....       | 216              | Wrangell Narrows and Strait, Alaska.....              | 8170             |
| Westchester, and Cove, N. Y.....                          | 273              | Wright Island, Long Island Sound, N. Y.....           | 273              |
| Westcott Cove, Long Island, Conn.....                     | 222              | Wrights River, Savannah River, S. C.....              | 440              |
| Westerly, Pawcatuck River, R. I.....                      | 1211             | Wrightsville, and Inlet, N. C.....                    | 150              |
| Western Bay, Blue Hill Bay, Me.....                       | 307              | Wye River, Chesapeake Bay, Md.....                    | 1225             |
| Western Passage, Me. and New Brunswick.....               | 801              | Wyesocking Bay, Pamlico Sound, N. C.....              | 1232             |
| Western Passage, Narragansett Bay, R. I.....              | 353 <sup>a</sup> | Wyman, Me.....  | 305              |
| Western Way, Mount Desert Island, Me.....                 | 306              | Wynoochee, Wash.....                                  | 6195             |
| Westminster, Calif.....                                   | 5102             |   |                  |
| Westport Island, Sheepscot River, Me.....                 | 314              | <b>Y.</b>   |                  |
| Westport Point, River and Harbor, Buzzards Bay, Mass..... | 113              | Yakutat, and Bay, Alaska.....                         | 8455             |
| Westport, Wash.....                                       | 6195             | Yaquina River, Ore.....                               | 6058             |
| Wetappo River, St. Andrews Bay, Fla.....                  | 186              | Yarmouth, Barnstable Harbor, Mass.....                | 339              |
| Wethersfield, Connecticut River, Conn.....                | 254              | Yarmouth, Island and River, Casco Bay, Me.....        | 315              |
| Wetinic Island, Me.....                                   | 312              | Yarmouth, Nova Scotia.....                            | 1106             |
| Wewaeantic River, Buzzards Bay, Mass.....                 | 251              | Yauco, and River, P. R.....                           | 902              |
| Weymouth Back River, Boston Harbor, Mass.....             | 246              | Yeocomico River, Potomac River, Va.....               | 557              |
| Weymouth Fore River, Boston Harbor, Mass.....             | 246              | Yeopim Creek, Albemarle Sound, N. C.....              | 1228             |
| Weymouth, Mass.....                                       | 109              | Yes Bay, Alaska.....                                  | 8105             |
| Weymouth, Nova Scotia.....                                | 1106             | York, and River, Me.....                              | 228              |
| Whale Branch, Coosaw River, S. C.....                     | 437              | York Narrows, Me.....                                 | 308              |
| Whaleboat Island, Casco Bay, Me.....                      | 315              | York River (mouth), Va.....                           | 494              |
| Whalebone Inlet, N. C.....                                | 1231             | Yorktown, York River, Va.....                         | 494              |
| Wheeler Island, Calif.....                                | 5534             | Yonkers, Hudson River, N. Y.....                      | 251              |
| Wheeler, Ore.....   | 6122             | Yukon Harbor, Alaska.....                             | 8881             |
| Whealers Bay, Me.....                                     | 312              | Yukon River, Alaska.....                              | 9372-9373        |
| Whidbey Island, Wash.....                                 | 6450             | <b>Z.</b>   |                  |
|   |                  | Zarembo Sound, Alaska.....                            | 816              |



# INDEX OF THE PRINCIPAL NAMES ON CHARTS OF THE PHILIPPINE ISLANDS.

| A.   |           | Chart. |  | Chart.    |
|--|-----------|--------|--|-----------|
| Abulug River, Luzon.....                         |           | 4705   | Bugui Point, Masbate.....                    | 4715      |
| Agana Bay, Guam.....                             |           | 4202   | Bulacan, and River, Luzon.....               | 4255      |
| Agño and Bay, Luzon.....                         |           | 4209   | Bulalacao, and Bay, Mindoro.....             | 4339      |
| Agusan River Entrance.....                       |           | 4647   | Burias Island, and Pass.....                 | 4218      |
| Alabat Island, and Port.....                     |           | 4268   | Buruncan Point.....                          | 4339      |
| Alabat Island, Luzon.....                        |           | 4226   | Busuanga Island.....                         | 4714      |
| Albay, and Gulf, Luzon.....                      | 4221-4237 |        | Butuan Bay.....                              | 4603      |
| Alice Channel, Borneo.....                       |           | 4200   | Buyallao Peninsula, and Island, Mindoro..... | 4339      |
| Ambolon Island, and Strait, Mindoro.....         |           | 4340   | C.   |           |
| Amburayan River, Luzon.....                      |           | 4208   | Caba, and River, Luzon.....                  | 4209      |
| Anajao Harbor.....                               |           | 4269   | Cabalitian Bay, and Island, Luzon.....       | 4239      |
| Aparri, and Anchorage.....                       |           | 4260   | Cabarruyan Island, Luzon.....                | 4209      |
| Apat Port.....                                   |           | 4265   | Cabatou Bay.....                             | 4269      |
| Apo Island, Reef, and Pass, Mindanao Strait..... |           | 4337   | Cabello Bay, and Island, Luzon.....          | 4255      |
| Apo Passes.....                                  |           | 4305   | Cabul Point.....                             | 4315      |
| Argao Harbor.....                                |           | 4465   | Caduruan Point.....                          | 4418      |
| Aringay, and River, Luzon.....                   |           | 4209   | Cagayan Anchorage.....                       | 4639      |
| Atalaya Point, Samar.....                        |           | 4449   | Cagayan Islands.....                         | 4720      |
| B.   |           |        | Cagayan River, Luzon.....                    | 4260      |
| Babuyan Channel, and Island, Luzon.....          |           | 4705   | Caliman Point, and Cove, Luzon.....          | 4210      |
| Bacnotan, Luzon.....                             |           | 4208   | Calabato Entrance.....                       | 4654      |
| Baco Islands, Mindoro.....                       |           | 4257   | Calagecalag Bay.....                         | 4466      |
| Bacoor, and Bay, Manila Bay.....                 |           | 4236   | Calagua Islands.....                         | 4223      |
| Bacuit, Palawan Island.....                      |           | 4346   | Calaguan Island.....                         | 4417      |
| Bagac, and Bay, Luzon.....                       |           | 4255   | Calamian Group.....                          | 4714-4716 |
| Bagamanoc Harbor.....                            |           | 4269   | Calanaga Bay.....                            | 4259      |
| Bais Harbor.....                                 |           | 4466   | Calandorang Bay.....                         | 4347      |
| Balabac Strait.....                              | 4309-4720 |        | Calapan, Bay, and Point, Mindoro.....        | 4257      |
| Balamban Bay.....                                |           | 4465   | Calauag, and Bay, Luzon.....                 | 4714      |
| Balateros Cove, Mindoro.....                     |           | 4344   | Calayan, and Island.....                     | 4705      |
| Balayan, and Bay, Luzon.....                     |           | 4257   | Calaylayan Bay, Luzon.....                   | 4218      |
| Baler Bay, Luzon.....                            |           | 4265   | Caldera Bay.....                             | 4645      |
| Baleta Bay.....                                  |           | 4625   | Calibo.....                                  | 4459      |
| Balicuatro Islands, Samar.....                   |           | 4220   | Calumpun Peninsula, Luzon.....               | 4214      |
| Balinao Harbor.....                              |           | 4238   | Camiguin Island.....                         | 4604-4705 |
| Balingasag Bay, River, and Cape, Luzon.....      |           | 4209   | Camotes Sea.....                             | 4427      |
| Balintang Channel, and Islands.....              |           | 4705   | Cañacao, and Bay, Manila Bay.....            | 4236      |
| Bangar, Luzon.....                               |           | 4208   | Canalasan Cove.....                          | 4653      |
| Banguí, Luzon.....                               |           | 4705   | Canauayor Anchorage.....                     | 4639      |
| Bantayan, and Island.....                        |           | 4405   | Candelaria, Luzon.....                       | 4210      |
| Banton Island.....                               |           | 4218   | Candon, Point, and Anchorage, Luzon.....     | 4208      |
| Barili Bay.....                                  |           | 4465   | Canigao Channel.....                         | 4426      |
| Baroro River, Luzon.....                         |           | 4208   | Canimo Pass.....                             | 4268      |
| Basco, Batan Island.....                         |           | 4270   | Cape Bojeador, Luzon.....                    | 4705      |
| Bashi Channel.....                               |           | 4705   | Cape Bulihuyan.....                          | 4716      |
| Basiad Bay, Luzon.....                           | 4226-4714 |        | Cape Calavite, Mindoro.....                  | 4305      |
| Basiauang Bay.....                               |           | 4653   | Cape Engano, and Cove, Luzon.....            | 4263      |
| Basilan Island, and Strait.....                  |           | 4511   | Cape San Augustin.....                       | 4625      |
| Batac, Luzon.....                                |           | 4207   | Cape San Ildefonso, Luzon.....               | 4705      |
| Batan Island.....                                |           | 4221   | Cape Santiago, Luzon.....                    | 4214      |
| Batan Islands.....                               |           | 4705   | Capiz.....                                   | 4459      |
| Batangas, and Bay, Luzon.....                    |           | 4257   | Capon Grande, Luzon.....                     | 4210      |
| Bato, and Lake, Luzon.....                       |           | 4715   | Capones Islands, and Point, Luzon.....       | 4210      |
| Bauang, and River, Luzon.....                    |           | 4209   | Caramoan Peninsula, and Point, Luzon.....    | 4222      |
| Biliran Strait.....                              |           | 4456   | Carcar Bay.....                              | 4465      |
| Biri Anchorage.....                              |           | 4220   | Carigara, and Bay.....                       | 4420      |
| Bislig Bay.....                                  |           | 4627   | Casiguran, Bay, and Sound, Luzon.....        | 4265      |
| Bisucay Channel.....                             |           | 4336   | Catanauan, Bay, and River, Luzon.....        | 4272      |
| Bitangan Bay.....                                |           | 4628   | Catanduanes Island.....                      | 4222      |
| Bogo Bay.....                                    |           | 4465   | Catarman.....                                | 4421      |
| Bohol Island, and Strait.....                    | 4425-4429 |        | Catarman Anchorage.....                      | 4627      |
| Bolinao, and Harbor, Luzon.....                  |           | 4238   | Catbalogan, and Harbor.....                  | 4420      |
| Bondoc Island, Peninsula, and Point, Luzon.....  |           | 4218   | Cateel Bay.....                              | 4626-4627 |
| Botolan, and Point, Luzon.....                   |           | 4210   | Cauit Bay.....                               | 4651      |
| Breakwater, South and West, Manila.....          |           | 4236   | Cavite, and Harbor, Manila Bay.....          | 4236      |
|  |           |        | Cebu Anchorage, and Harbor.....              | 4447      |
|  |           |        | Celebes Sea.....                             | 4200      |



|   | Chart.     |   | Chart.    |
|---|------------|---|-----------|
| Clavendon Bay.....                      | 4347       | Himugaan River.....                         | 4466      |
| Claveria, Luzon.....                    | 4705       | Hinatuan Passage.....                       | 4629      |
| Cobo Bay.....                           | 4269       | Hog Point (Borneo).....                     | 4722      |
| Ccmas Island.....                       | 4239       | Hondagua Harbor.....                        | 4273      |
| Concepcion, and Port, Mindoro.....      | 4453       | Hook Bay, Palello Island.....               | 4265      |
| Coron Bay, and Island.....              | 4351       |   |           |
| Corregidor Island, Luzon.....           | 4255       | <b>I.</b>                                   |           |
| Culasian Bay.....                       | 4346       | Iba, and Anchorage.....                     | 4210      |
| Cullion Island.....                     | 4714-4716  | Ibana, Batan Island.....                    | 4270      |
| Cullion Landing.....                    | 4351       | Ibayat Island.....                          | 4705      |
| Currimao, and Port, Luzon.....          | 4207       | Iligan Anchorage.....                       | 4639      |
| Cuyo Anchorage.....                     | 4336       | Iligan Bay.....                             | 4604      |
| Cuyo Islands.....                       | 4312       | Ilin Island, Strait and Point, Mindoro..... | 4340      |
|   |            | Illana Bay.....                             | 4606      |
| <b>D.</b>                               |            | Iloilo Harbor, River, and Strait.....       | 4448      |
| Dagupan, and River, Luzon.....          | 4209       | Iloilo Strait.....                          | 4415      |
| Dalawan Bay.....                        | 4347       | Imuruan Bay.....                            | 4316      |
| Dairymple Harbor.....                   | 4541       | Inamuca Bay.....                            | 4639      |
| Dalupiri Island.....                    | 4705       | Isabela Channel.....                        | 4543      |
| Danajon Bank.....                       | 4425       |   |           |
| Danao River.....                        | 4463       | <b>J.</b>                                   |           |
| Dapa Channel.....                       | 4638       | Jabo Point.....                             | 4628      |
| Dapitan Anchorage.....                  | 4639       | Janabatas Channel.....                      | 4446      |
| Daram Island.....                       | 4420       | Jibatan River.....                          | 4456      |
| Darigayos, Inlet and River, Luzon.....  | 4208       | Jimanez Harbor.....                         | 4639      |
| Darvel Bay, (Borneo).....               | 4200       | Jimoto Bay.....                             | 4269      |
| Dasol Bay, Luzon.....                   | 4210       | Jintotolo Channel.....                      | 4405      |
| Davao, Anchorage and Gulf.....          | 4623-4624  | Jolo Anchorage.....                         | 4541      |
| Desolation Point.....                   | 4424       | Jolo Island.....                            | 4512-4542 |
| Digollorin Bay and River.....           | 4705       | Jomalig Island.....                         | 4226      |
| Dilisac Bay, Luzon.....                 | 4265-4705  |   |           |
| Dimalansan Port.....                    | 4265       | <b>K.</b>                                   |           |
| Dinagat Harbor.....                     | 4638       | Kalapadan Bay.....                          | 4269      |
| Dinagat Island and Sound.....           | 4603       | Karakelang Island (Celebes Sea).....        | 4200      |
| Dingalan Bay, Luzon.....                | 4705       | Kawit, Manila Bay.....                      | 4255      |
| Diogo Island.....                       | 4705       |   |           |
| Dipitan Anchorage.....                  | 4639       | <b>L.</b>                                   |           |
| Dipolog Anchorage.....                  | 4639       | Labuk Bay, Borneo.....                      | 4720      |
| Dirique Inlet, Luzon.....               | 4270       | Lagara Cove and Passes.....                 | 4339      |
| Divilacan Bay.....                      | 4705       | Lagonoy Gulf, Luzon.....                    | 4715-4222 |
| Dolores and River.....                  | 4422       | Laguimanoc Bay.....                         | 4267      |
| Dongan Bay and Point Mindoro.....       | 4305       | Laguna de Bay, Luzon.....                   | 4714      |
| Dos Amigos Port.....                    | 4514       | Lake Lanao.....                             | 4606      |
| Danaguete Harbor.....                   | 4466       | Lake Naugan and River, Mindoro.....         | 4305      |
| Dumali Point and Mountain, Mindoro..... | 4305       | Lambusan Bay.....                           | 4465      |
| Dumanjug Bay.....                       | 4465       | Lamit Bay.....                              | 4271      |
| Dumanquilas Bay.....                    | 4651       | Lamon Anchorage.....                        | 4627      |
| Dumaran Island.....                     | 4317-4355  | Lamon Bay, Luzon.....                       | 4226      |
|   |            | Lanlanca River, Luzon.....                  | 4208      |
| <b>E.</b>                               |            | Lanogran Anchorage.....                     | 4639      |
| Engano Cape.....                        | 4263       | Laoag, Luzon.....                           | 4207      |
| Escalante Harbor.....                   | 4463       | Laoang Bay.....                             | 4449      |
|   |            | Lapog, and Bay, Luzon.....                  | 4207      |
| <b>F.</b>                               |            | Lapunlapun Anchorage.....                   | 4348      |
| Flechas Point.....                      | 4317       | Lapac Island.....                           | 4544      |
| Fortune Island, Luzon.....              | 4214       | Las Pinas, Manila Bay.....                  | 4255      |
| Fuga Island.....                        | 4270, 4705 | Lavigan Anchorage.....                      | 4653      |
|   |            | Legaspi.....                                | 4237      |
| <b>G.</b>                               |            | Lemery, Luzon.....                          | 4257      |
| Gaas Bay and Inlet.....                 | 4638       | Leyte Gulf.....                             | 4423      |
| Gabo Port.....                          | 4638       | Leyte Island.....                           | 4719      |
| Galera Port.....                        | 4344       | Lianga Bay.....                             | 4627      |
| Gan Bay.....                            | 4207       | Liloan Bay.....                             | 4424      |
| Gigantes Islands.....                   | 4417       | Limbones Cove and Island, Manila Bay.....   | 4255      |
| Gingoog Bay.....                        | 4003       | Limbug Cove.....                            | 4652      |
| Goaram Pii (Japan).....                 | 4705       | Linapacan Island and Strait.....            | 4315      |
| Golo Pass, Lubang Islands.....          | 4338       | Lingayen Gulf, Luzon.....                   | 4209      |
| Green Islands Bay.....                  | 4316       | Little Botel, Tobago Island, Japan.....     | 4705      |
| Guam Island.....                        | 4202       | Llorente.....                               | 4422      |
| Gubat Port.....                         | 4258       | Looc, and Bay, Lubang Islands.....          | 4338-4339 |
| Guimaras Island Strait.....             | 4416       | Looc Cove, Luzon.....                       | 4257      |
| Guiuan Harbor.....                      | 4467       | Lubang Islands.....                         | 4338      |
|   |            | Lucena Anchorage.....                       | 4267      |
| <b>H.</b>                               |            | Luna, Luzon.....                            | 4208      |
| Hagnaya Bay.....                        | 4465       |   |           |
| Halsey Harbor.....                      | 4342       | <b>M.</b>                                   |           |
| Hamilo Cove and Point, Luzon.....       | 4257       | Maasin, and Harbor.....                     | 4426      |
| Helm Harbor.....                        | 4421       | Mabudis Island.....                         | 4705      |
| Hermana Mayor Island, Luzon.....        | 4210       | Macajalar Bay.....                          | 4604      |
| Himamaylan Harbor.....                  | 4466       | Maestre de Campo Island, Mindoro.....       | 4305-4453 |
|   |            | Magsingal, Luzon.....                       | 4207      |

## Chart.

|  |           |
|--|-----------|
| Maibun Bay.....                        | 4541      |
| Malalag Bay.....                       | 4649      |
| Malampaya Sound.....                   | 4349      |
| Malanut Bay.....                       | 4346      |
| Maligay Bay.....                       | 4652      |
| Malinas Inlet.....                     | 4638      |
| Malipano Anchorage.....                | 4624      |
| Mamburao, Bay and Reef, Mindoro.....   | 4305      |
| Mangarin Bay and Point, Mindoro.....   | 4310      |
| Manila, and Bay, Luzon.....            | 4236-4255 |
| Mansalay Bay, Mindoro.....             | 4305      |
| Maqueda Channel, Luzon.....            | 4222      |
| Maricaban, Island and Port, Luzon..... | 4252      |
| Marinduque Island.....                 | 4218      |
| Mariveles, and Harbor, Luzon.....      | 4255      |
| Marudu Bay, (Borneo).....              | 4720      |
| Masagasaki Bay.....                    | 4453      |
| Masbate Harbor.....                    | 4455      |
| Masbate (Western).....                 | 4412      |
| Masin Island and Point, Mindoro.....   | 4339      |
| Masinloc, and Port, Luzon.....         | 4266      |
| Masinloc Anchorage.....                | 4645      |
| Matindoc Point.....                    | 4431      |
| Matnog Bay.....                        | 4258      |
| Mauban, and Anchorage, Luzon.....      | 4265      |
| Mauo River.....                        | 4220      |
| Mayo Bay.....                          | 4625      |
| Mayraira Point, Luzon.....             | 4705      |
| Mercedes.....                          | 4268      |
| Mindanao River Delta.....              | 4654      |
| Mindanao River (upper part).....       | 4655      |
| Mindanao Sea.....                      | 4603-4604 |
| Mindoro Island.....                    | 4305      |
| Mindoro Strait.....                    | 4305      |
| Moalbual Bay.....                      | 4465      |
| Monja Island, Luzon.....               | 4255      |
| Moro Gulf.....                         | 4708      |
| Moron and Shoals, Luzon.....           | 4255      |
| Mulanay.....                           | 4272      |
| Murcielagos Bay.....                   | 4641      |
| Musa Bay, Fuga Island.....             | 4270      |

## N.

|                                   |      |
|-----------------------------------|------|
| Naic and River, Manila Bay.....   | 4255 |
| Nakoda Bay.....                   | 4346 |
| Nalvo Bay, Luzon.....             | 4208 |
| Nanusa Islands (Celebes Sea)..... | 4200 |
| Narvacan, Luzon.....              | 4208 |
| Nasipit Harbor.....               | 4647 |
| Naso Point.....                   | 4415 |
| Nasugbu Bay and Cove.....         | 4257 |
| Negra Point, Luzon.....           | 4705 |
| Nin Bay.....                      | 4455 |
| North Balabac Strait.....         | 4309 |
| North Channel, Luzon.....         | 4255 |
| Nyopii Taa, Japan.....            | 4705 |

## O.

|                        |      |
|------------------------|------|
| Oras Bay.....          | 4421 |
| Oroquieta.....         | 4639 |
| Overton Anchorage..... | 4639 |

## P.

|                                      |      |
|--------------------------------------|------|
| Pagadian Bay.....                    | 4652 |
| Pagbilao Bay.....                    | 4267 |
| Palanan, Bay and Point, Luzon.....   | 4705 |
| Palaui Island, Luzon.....            | 4263 |
| Palauig, Bay and Point, Luzon.....   | 4266 |
| Palawan Island and Passage.....      | 4716 |
| Paluan Bay, Mindoro.....             | 4305 |
| Pambujan Harbor.....                 | 4467 |
| Pampanga Bay and River, Luzon.....   | 4255 |
| Panabutan Bay.....                   | 4651 |
| Panaon Island.....                   | 4603 |
| Panaon Strait.....                   | 4424 |
| Panay Gulf and Island.....           | 4718 |
| Pandacan, Pasig River.....           | 4235 |
| Pandan Bay and Islands, Mindoro..... | 4337 |
| Pandaroehan Bay, Mindoro.....        | 4340 |
| Pangutarang Group.....               | 4722 |

## Chart.

|   |      |
|---|------|
| Pansipit River, Luzon.....                  | 4214 |
| Pao Bay, Luzon.....                         | 4239 |
| Paoay, Luzon.....                           | 4207 |
| Paranaque, Manila Bay.....                  | 4255 |
| Parang Anchorage.....                       | 4654 |
| Parasan Harbor.....                         | 4456 |
| Pasacao Anchorage.....                      | 4454 |
| Pasig and River.....                        | 4235 |
| Pasuquin, Luzon.....                        | 4207 |
| Pata Point, Luzon.....                      | 4705 |
| Patnanongan Island.....                     | 4226 |
| Pilar Bay.....                              | 4417 |
| Pitogo Bay.....                             | 4268 |
| Pocanil Bay, Island and Point, Mindoro..... | 4339 |
| Point Dile, Luzon.....                      | 4207 |
| Pola, Bay and River, Mindoro.....           | 4305 |
| Polillo Harbor.....                         | 4265 |
| Polillo Island and Strait.....              | 4226 |
| Polloc Anchorage.....                       | 4654 |
| Port Alabat.....                            | 4268 |
| Port Apat.....                              | 4265 |
| Port Apra, Guam.....                        | 4202 |
| Port Balanacan.....                         | 4453 |
| Port Banga.....                             | 4653 |
| Port Baras.....                             | 4652 |
| Port Barera.....                            | 4455 |
| Port Batan.....                             | 4413 |
| Port Bicobian, Luzon.....                   | 4265 |
| Port Boeo Engaño.....                       | 4454 |
| Port Bolay.....                             | 4653 |
| Port Bombonon.....                          | 4466 |
| Port Bongao.....                            | 4514 |
| Port Borongan.....                          | 4422 |
| Port Busainga.....                          | 4454 |
| Port Busin.....                             | 4454 |
| Port Canoan.....                            | 4466 |
| Port Carmen.....                            | 4465 |
| Port Cataingan.....                         | 4455 |
| Port Ciego.....                             | 4347 |
| Port Concepcion.....                        | 4453 |
| Port Currimao.....                          | 4207 |
| Port Dimalansan, Luzon.....                 | 4265 |
| Port Dos Amigos.....                        | 4514 |
| Port Galera and Bay, Mindoro.....           | 4344 |
| Port Gubat.....                             | 4258 |
| Port Lampon.....                            | 4260 |
| Port Lebak.....                             | 4653 |
| Port Libas.....                             | 4422 |
| Port Mambajao.....                          | 4639 |
| Port Manambrag.....                         | 4269 |
| Port Maricaban.....                         | 4257 |
| Port Masinloc.....                          | 4266 |
| Port Matalvi, and Point, Luzon.....         | 4266 |
| Port Misamis.....                           | 4640 |
| Port Palapag.....                           | 4449 |
| Port Palompon.....                          | 4456 |
| Port Patuco.....                            | 4653 |
| Port Pilar.....                             | 4638 |
| Port Pusgo.....                             | 4454 |
| Port Sambulauan.....                        | 4652 |
| Port San Miguel.....                        | 4454 |
| Port San Pio Quinto.....                    | 4270 |
| Port San Vincente.....                      | 4263 |
| Port Santa Maria.....                       | 4651 |
| Port Sibulan.....                           | 4652 |
| Port Siyt.....                              | 4466 |
| Port Sual.....                              | 4239 |
| Port Tarofoto, Guam.....                    | 4202 |
| Port Tumanao.....                           | 4653 |
| Pratas Reef.....                            | 4200 |
| Puerto Princesa.....                        | 4343 |
| Pujada Bay.....                             | 4625 |

## Q.

|                      |      |
|----------------------|------|
| Queenalong Cove..... | 4639 |
|----------------------|------|

## R.

|                      |      |
|----------------------|------|
| Ragay Gulf.....      | 4218 |
| Ramon Bay.....       | 4421 |
| Rapurapu Strait..... | 3427 |

|  | Chart.    |   | Chart.    |
|--|-----------|---|-----------|
| Refugio Pass.....                              | 4466      | Sogod Bay.....  | 4424      |
| Romblon Harbor.....                            | 4453      | Soguicay Island and Bay, Mindoro.....                         | 4339      |
| Romblon Island.....                            | 4411      | Sohutan Bay and Inlet.....                                    | 4638      |
| Romblon Island and Pass.....                   | 4218      | Solvee, and Cove, Luzon.....                                  | 4208      |
| Romblon Pass.....                              | 4410      | Sorsogon, and Bay, Luzon.....                                 | 4715-4219 |
| <b>S.</b>                                      |           | South Channel, Luzon.....                                     | 4255      |
| Sablayan, and Anchorage, Mindoro.....          | 4337      | Sual, and Port, Luzon.....                                    | 4239      |
| Sabtan Island.....                             | 4705      | Subaang, and Bay, Mindoro.....                                | 4305      |
| Saint Paul Bay.....                            | 4316      | Subic Bay, Luzon.....   | 4255      |
| Salomague, and Harbor, Luzon.....              | 4207      | Sulu Archipelago.....   | 4722      |
| Salvador Island, Luzon.....                    | 4266      | Sulu Sea.....   | 4707      |
| San Antonio Bay.....                           | 4346      | Surigao Harbor.....   | 4629      |
| San Antonio, Luzon.....                        | 4210      | Surigao Strait.....   | 4603      |
| San Bernardino Islands and Strait.....         | 4220-4715 | <b>T.</b>   |           |
| San Esteban, and Port, Luzon.....              | 4208      | Taal and Lake, Luzon.....                                     | 4257-4214 |
| San Felipe, Luzon.....                         | 4210      | Taba Bay.....   | 4651      |
| San Fernando Harbor and Point, Luzon.....      | 4246      | Tabaao Bay.....   | 4237      |
| San Jacinto.....                               | 4454      | Tabgon Anchorage.....   | 4268      |
| San Juan, Luzon.....                           | 4208      | Tablas Strait and Island.....                                 | 4714-4110 |
| San Juanico Strait.....                        | 4464      | Tagabas Bay, Luzon.....                                       | 4218      |
| San Miguel Bay, Luzon.....                     | 4223      | Taganayan Islands.....  | 4336      |
| San Miguel Port and Island.....                | 4454      | Tagudin, Luzon.....   | 4208      |
| San Nareiso, Luzon.....                        | 4210      | Taiwan Island (Formosa), Japan.....                           | 4705      |
| San Pedro Bay.....                             | 4423      | Talin Bay and Point, Luzon.....                               | 4214      |
| San Pio Quinto, and Port, Camiguin Island..... | 4270      | Tanao Islands.....  | 4226      |
| San Roque Harbor.....                          | 4638      | Tanon Strait.....   | 4428      |
| San Roque, Manila Bay.....                     | 4255      | Tanon Strait (south part).....                                | 4430      |
| San Vicente Port and Island, Luzon.....        | 4263      | Tanza, Manila Bay.....  | 4255      |
| Sandakan Harbor, Borneo.....                   | 4720      | Tapul Bay.....  | 4346      |
| Sangirin, and Bay, Alabati Island.....         | 4268      | Tapul Group.....  | 4722      |
| Sangley Point, Manila Bay.....                 | 4236      | Tawitawi Island.....  | 4514      |
| Saniar Sea.....                                | 4418-4420 | Tayabas Bay.....  | 4218      |
| Santa Ana Bay and Harbor.....                  | 4448      | Ticao Island and Pass.....                                    | 4219      |
| Santa Cruz, Bay and Point, Luzon.....          | 4210      | Tielin Strait.....  | 4258      |
| Santa Cruz Harbor.....                         | 4453      | Tolong Bay.....   | 4432      |
| Santa Cruz, Luzon.....                         | 4208      | Ton Sandungan Channel.....                                    | 4512      |
| Santa Cruz, Mindoro.....                       | 4453      | Torrijos Bay.....   | 4453      |
| Santa Lucia, Luzon.....                        | 4208      | Tubbataha Reefs.....  | 4707      |
| Santa Maria, Luzon.....                        | 4208      | Tuburan Harbor.....   | 4465      |
| Santiago, and Cove, Luzon.....                 | 4208      | Tugas Point.....  | 4628      |
| Santiago Island, Luzon.....                    | 4209      | Tuna Bay.....   | 4653      |
| Santo Nino.....                                | 4456      | <b>U.</b>   |           |
| Santo Tomas, Luzon.....                        | 4209      | Uala Islands.....   | 4226      |
| Sarangani Islands and Bay.....                 | 4708      | Ulugan Bay.....   | 4346      |
| Semirara Anchorage.....                        | 4337      | Umatae Bay, Guam.....   | 4202      |
| Semirara Islands and Anchorage, Mindoro.....   | 4305      | Ungay Point, Rapurapu Island.....                             | 4221      |
| Sevilla, Luzon.....                            | 4208      | Unisan.....   | 4272      |
| Shark Fin Bay.....                             | 4317      | <b>V.</b>   |           |
| Sialat Point, Catandunes Island.....           | 4222      | Varadero Bay and Point, Mindoro.....                          | 4344      |
| Siargao Island.....                            | 4629      | Verde Island and Verde Island Passage, Luzon and Mindoro..... | 4214      |
| Siasi Island.....                              | 4544      | Vigan, Luzon.....   | 4207      |
| Sibuco Bay.....                                | 4651      | Visayan Sea.....  | 4405      |
| Sibuguey Bay.....                              | 4617      | Voleano Island, Luzon.....                                    | 4214      |
| Sibutu Island and Passage (Borneo).....        | 4200      | <b>W.</b>   |           |
| Sibuyan Island.....                            | 4411      | West Dilasac Bay.....   | 4265      |
| Sibuyan Sea.....                               | 4714-4715 | <b>Y.</b>   |           |
| Sigboye Passage.....                           | 4722      | Y'Ami Island, Japan.....                                      | 4705      |
| Silangan Pass, Alabati Island.....             | 4273      | Yog Point, Catandunes Island.....                             | 4222      |
| Silong Bay, Mindoro.....                       | 4340      | <b>Z.</b>   |           |
| Simanale Bay and Channel.....                  | 4514      | Zamboanga.....  | 4511      |
| Simare Island.....                             | 4218      |   |           |
| Siquijor Island.....                           | 4604      |   |           |
| Sisiran Bay.....                               | 4271      |   |           |























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